Scout Report sent out ☑
Noted in the NID File ☑
Location map pinned ☑
Approval or Disapproval Letter ☑
Date Completed, P. & A. or operations suspended 12-21-57
Pin changed on location map ☐
Affidavit and Record of A & P ☐
Water Shut-Off Test ☐
Gas-Oil Ratio Test ☐
Well Log Filed ☑

FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet ✓
Location Map Pinned ✓
Card Indexed ✓
I W R for State or Fee Land

Checked by Chief
Copy N I D to Field Office
Approval Letter ✓
Disapproval Letter

COMPLETION DATA:
Date Well Completed 12/21/57
OW ✓ WW TA
GW OS PA
Location Inspected
Bond released
State of Fee Land

LOGS FILED
Driller's Log 5/2/58
Electric Logs (No.) 5
E I GR GR-N ✓ Micro
Lat. ✓ MI-L ✓ Sonic Others Radioactivity Temperature

*Effective 1-1-73, Humble Oil & Refining was changed to Exxon Co. U.S.A.

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R-359.3.
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee

Lease No. 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 9, 1957, 19

Navajo Tract 114
Well No. 11 is located 1830 ft. from {N/S} line and 1890 ft. from {E/W} line of sec. 8

SENW Section 8 · 41S 25E SLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ____ ft. 4643.2 Ungraded

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5700' to test the potentially productive Hermosa and Paradox formations. Surface casing: Approximately 1400' of 10-3/4" OD 32.75# & 40.5# smls casing as required, casing to be cemented to the surface. Oil String: 7" OD 20 & 23# smls casing as required, cemented with required amount of cement. Mud: Conventional & or/gyp or salt base muad as required. Drill Stem Tests: All Oil & gas shows will be tested. Logs: Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 444
Durango, Colorado

COPY (ORIGINAL SIGNED) B. M. BRADLEY

By B M Bradley

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-7

CAR-PRO—373-B

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

TOTAL ACCUMULATED INTEREST _____

STATE _____ COUNTY _____ SEC. _____ T. _____ R. _____ ACRES _____

DESCRIPTION AND INTEREST: Proposed Location - Carter - Navajo Tribal 11¼ #11
SENW Section 8 - 41S - ~~24E~~ 25E - San Juan County, Utah

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION

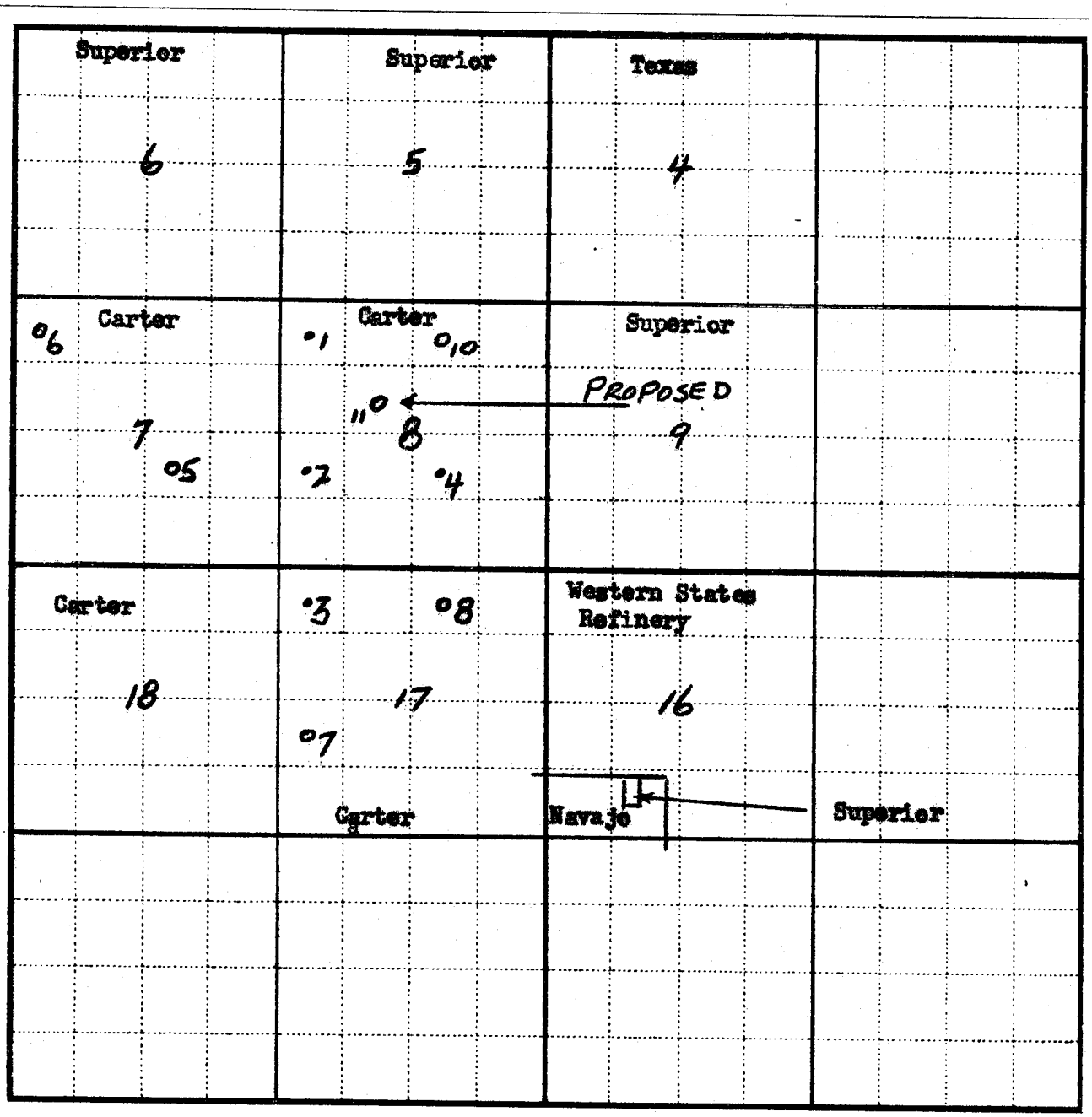
Total Length and Size of Pipe Laid _____ Pipe Transferred From _____

Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____

Depth Buried _____ Painted _____ Screw, Welded or Coupled _____ List Fittings (on back of this sheet if necessary

Date _____ District _____ Farm or Plant _____

(Mail to Engineering Department - Tulsa) Signed _____



When used as ¼" Section Scale, 1" = 400'

When used as Section Scale, 1" = 800'

When used as 4 Sections Scale, 1" = 1600'

Place check mark after scale used.

Plat made by _____ Date _____

½" Base Map _____ Date _____

Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____

Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____

Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

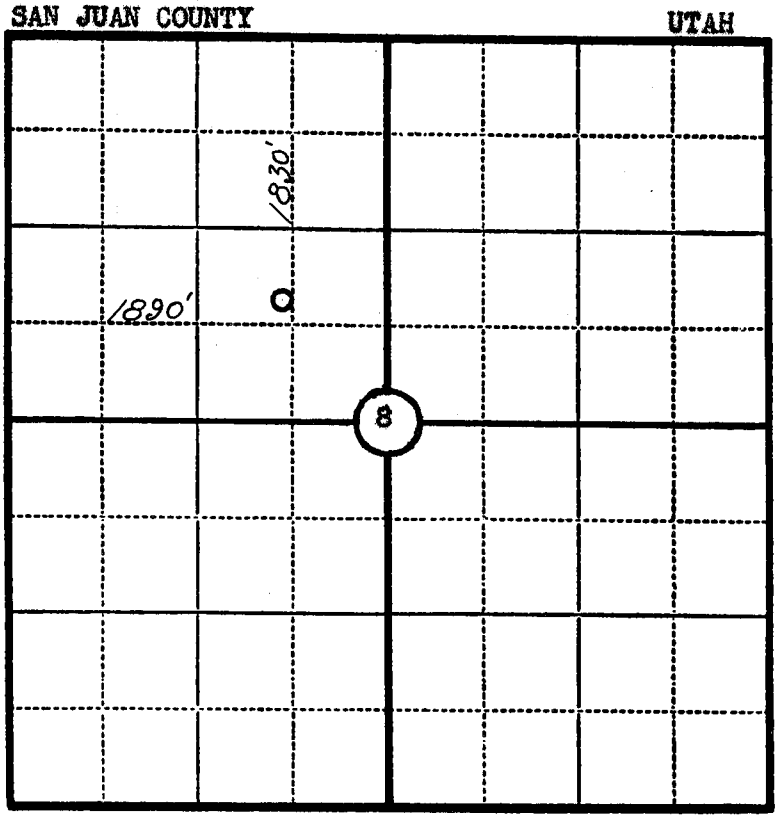
Company THE CARTER OIL COMPANY

Lease NAVAJO Tract 114 Well No. 11

Sec. 8, T. 41 S., R. 25 E., S.L.M.

Location 1830' FROM THE NORTH LINE AND 1890' FROM THE WEST LINE.

Elevation 4643.2 UNGRADED GROUND.



Scale—4 inches equal 1 mile.

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

James P. Leese

Seal:

Registered Land Surveyor.
James P. Leese
Utah Reg. No. 1472

Surveyed 13 September, 1957

12

SAN JUAN ENGINEERING COMPANY, FARMINGTON, N. M.

October 11, 1957

The Carter Oil Company
P. O. Box 444
Durango, Colorado

Gentlemen:

This is to acknowledge receipt of your notices of intention to drill Well No. Navajo Tract 114-11, which is to be located 1830 feet from the north line and 1890 feet from the west line of Section 8, and Well No. Navajo Tract 114-12, which is to be located 650 feet from the south line and 740 feet from the east line of Section 8, Township 41 South, Range 25 East, SLBM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
SECRETARY

CBF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

IR-USGS

Form 9-331 b
(April 1952)

Budget Bureau No. 42-R359.4.
Approval expires 12-31-60.

	8		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Navajo

Allottee

Lease No. 14-20-603-263

Noted
1-7-58

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Report of Setting casing	x

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

December 19, 1957, 19

Navajo Tract 114

Well No. 11 is located 1830 ft. from {N / S} line and 1890 ft. from {E / W} line of sec. 8

SE NW Section 8	41S	25E	SLM
(¼ Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)
McElmo Creek	San Juan		Utah
(Field)	(County or Subdivision)		(State or Territory)

The elevation of the derrick floor above sea level is 4650 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 10-28-57 - Ran 62' of 16" OD 65# H-40 conductor pipe set at 58' RM and cemented with 80 sacks cement with 2% CaCl added.
Ran - 1277' of 10-3/4" OD 40.5# 8rd J-55 smls casing set at 1297' and cemented with 840 sacks cement w/2% gel and 1# tuff plug per sack, 100 sacks cement w/2% CaCl and run 200 sacks to ~~fnk~~ fill from top, pump down plug w/1000#. Drilled out plug and tested cement with 200# for 15 minutes, held ok.
Ran 5681' of 7" OD 20 and 23# J-55 smls casing and set at 5637', cemented with 300 sacks Posmix cement with 2% gel. Pumped plug to 5603', maximum pressure 1000#.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 414

Durango, Colorado

By COPY (ORIGINAL SIGNED) B. M. BRADLEY
B M Bradley

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—8437b-8

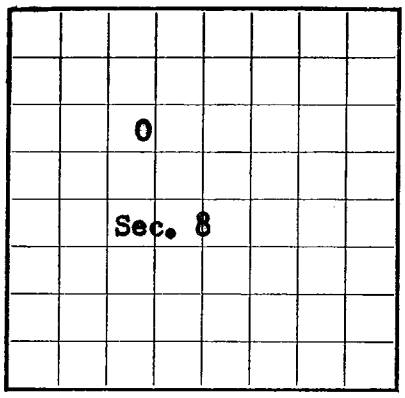
Form OGCC-3

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

State Capitol Building
Salt Lake City 14, Utah

N-H
5-7



LOCATE WELL CORRECTLY

To be kept Confidential until _____
(Not to exceed 4 months after filing date)

LOG OF OIL OR GAS WELL

Operating Company The Carter Oil Company Address P. O. Box 3082, Durango, Colorado

Lease or Tract: Navajo Tract 114 Field McElmo State Utah

Well No. 11 Sec. 8 T. 41S R. 25E Meridian SLM County San Juan

Location 1830 ft. {N. / S.} of N Line and 1890 ft. {E. / W.} of W Line of Section 8 Elevation 4650 DF
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Bm Bradley

Date April 28, 1958 Title Dist. Supt.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 28, 1957 Finished drilling December 22, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5413 to 5427 No. 4, from 5502 to 5528

No. 2, from 5433 to 5438 No. 5, from 5536 to 5545
5458 5553 5562

No. 3, from 5492 to 5476 No. 6, from 5566 to 5592
5495

IMPORTANT WATER SANDS

No. 1, from 650 to 800 No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
16"	65	8	-	62	None	None (7"	5413	5427	Production
10-3/4	40.5	8	J-55	1288	Baker	None	5433	5438	"
7"	23	8	J-55	1746			5458	5476	"
7"	20	8	J-55	3933	Howco	None	5492	5495	"
							5502	5528	"
							5536	5545	"
							5553	5562	"
							5566	5592	"

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	58	80	Halliburton	-	-
10-3/4	1297	1140	Halliburton	-	-
7"	5637	300	Halliburton	-	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD | MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	58	80	Halliburton	-	-
10-3/4	1297	1140	Halliburton	-	-
7"	5637	300	Halliburton	-	-

FOLD | MARK

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size ____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 5640 feet, and from - feet to - feet

Cable tools were used from None feet to ____ feet, and from ____ feet to ____ feet

DATES

April 28, 19 58 Put to producing on test: 12-21-57, 19 ____

The production for the first 24 hours was 498 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Flowing on 24/64" Gravity, °Bé. 42° API

If gas well, cu. ft. per 24 hours ____ Gallons gasoline per 1,000 cu. ft. of gas ____

Rock pressure, lbs. per sq. in. ____ Est. GOR: 600:1

EMPLOYEES

____, Driller ____, Driller

____, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	650	650	MORRISON: Soft clay & sandstone.
650	1327	677	NAVAJO: Sandstone.
1,327	2,460	1,133	CHINLE: Siltstone & shale.
2,460	2,512	52	CUTLER: Shale with traces of limestone.
2,512	2,692	180	DECHELLY: Soft sandstone.
2,692	4,000	1,308	ORGAN ROCK: Siltstone & sand.
4,000	4,448	448	RICO: Siltstone & shale.
4,448	5,400	952	HERMOSA: Limestone & shale.
5,400	5,640	240	PARADOX: Limestone underlain by black shale and anhydrite.

OVER

[OVER]

MAY 2 1958

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded well 10-28-57. Drilled & reamed 20" hole to 60'. Set 2 jts., 62' of 16" 65# casing at 58' with 80 sacks cement. Drilled and reamed 15" hole to 1310'. Set 37 jts., 1288' of J-55, 40.5# casing at 1297' with 1140 sacks cement. Drilled 9" hole to TD of 5640'. Set 55 jts., 1746' of 23#, J-55 and 120 jts., 3933' of 20# J-55 casing at 5637' with 300 sacks cement.

No Drill Stem Tests taken.

No Cores Cut.

COMPLETION: Perforated 4 shots per foot as follows: 5492 to 5495; 5502 to 5528; 5536 to 5545; 5553 to 5562 and 5566 to 5592'. Acidized these perforations with 800 gallons breakdown acid plus 13,000 gallons regular 15% acid. Max. press. 3600#, Min press. 1000#.

Set bridge above perforations at 5486' and perforated 5458 to 5476'. Acidized with 200 gallons breakdown acid plus 3500 gallons regular 15% acid. Max. press. 4000#, Min. press. 800#.

Set bridge plug at 5449' and perforated 5413 to 5427'. Acidized with 200 gallons MCA plus 3000 gallons regular 15% acid. Max. press. 3800#, Min. press. 3400#.

Knocked out bridge plugs, cleaned up well and flowed on 24/64" choke at rate of 498 barrels oil and no water per day. Completed 12-22-57.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: The Superior Oil Company

3. ADDRESS OF OPERATOR: P. O. Drawer "G"; Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: SE NW Section 8, T41S, R25E

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: McElmo Creek

8. FARM OR LEASE NAME:

9. WELL NO.: O-18

10. FIELD AND POOL, OR WILDCAT: McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 8, T41S, R-25E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4651' KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			[ ]
(Other) Complete Additional Zone			[X]				

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Propose to perforate the Ismay Zone 5366'-97' and treat with 5,000 gallons of 28% retarded acid.

Production from Ismay and Desert Creek will be commingled.

18. I hereby certify that the foregoing is true and correct

SIGNED J. P. Noser TITLE Production Engineer DATE 7/27/70

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: The Superior Oil Company

3. ADDRESS OF OPERATOR: P. O. Drawer 'G', Cortez, Colorado 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1830' FNL & 1980' FWL, Section 8, T41S, R25E SLM

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo

7. UNIT AGREEMENT NAME: McElmo Creek Unit

8. FARM OR LEASE NAME: McElmo Creek Unit

9. WELL NO.: #0-18

10. FIELD AND POOL, OR WILDCAT: McElmo Creek Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SE NW Sec. 8, T41S, R25E

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4651' KB

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[X]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other)			[ ]	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

8/18/70 Ran PDC Log and perf'd Ismay interval 5366-97' (31') with 2 jets per ft. Treated perfs with 5,000 gal 28% retarded acid. Max pressure 1200 psi, on vacuum immediately.

8/19/70 Swabbed 120 bbl fluid in 7 hrs. 98% cut. Salinity 50,400 PPM.

8/20/70 Reran production equipment.

Production prior to workover 135 BO, 853 BWPD, 86% cut.

Production subsequent to workover 288 BO, 1554 BWPD, 84% cut.

18. I hereby certify that the foregoing is true and correct

SIGNED D. D. Kingman TITLE District Engineer DATE 9/22/70

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, WIO, File

January 1, 1973

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Effective on January 1, 1973, Humble Oil & Refining Company merged into its parent corporation. On that date all of the rights, assets, and liabilities of Humble will accrue to and be assumed by Exxon Corporation.

After January 1, 1973, all invoices, payments, notices or other communications which were sent previously to Humble should be sent to Exxon Corporation, P. O. Box 1600, Midland, Texas 79701.

We would appreciate your cooperation in helping us make these changes, and we want to assure you that our policies and business relationships with you will remain the same.

Sincerely,

L. H. Byrd

DLC:mej

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5 & RULE I-4)

FORM NO. DOGM-UIC-1
(Revised 1982)

IN THE MATTER OF THE APPLICATION OF
SUPERIOR OIL COMPANY

ADDRESS P.O. Drawer 'G'
Cortez, Colorado ZIP 81321

INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION ___

FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE MCU #0-18 WELL

SEC. 8 TWP. 41S RANGE 25E

San Juan COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	XX
DISPOSAL WELL	☐
LP GAS STORAGE	☐
EXISTING WELL (RULE I-4)	☐

APPLICATION

Comes now the applicant and shows the Corporation Commission the following:

1. That Rule I-5 (g) (iv) authorizes administrative approval of enhanced rcovery injections, disposal or LP Gas storage operations.
2. That the applicant submits the following information.

Lease Name: McElmo Creek	Well No.: 0-18	Field: McElmo Creek	County: San Juan
Location of Enhanced Recovery Injection or Disposal Well: 1830' FNL, 1890' FWL Sec. 8		Twp. 41S	Rge. 25E
New Well To Be Drilled: Yes ☐ No XX	Old Well To Be Converted: Yes XX No ☐	Casing Test: Yes XX No ☐ Date ___	
Depth-Base Lowest Known Fresh Water Within ½ Mile: 1304	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile: YES XX NO ☐		State What: OIL & GAS
Location of Injection Source(s): Production wells within McElmo Creek Unit	Geologic Name(s) and Depth of Source(s): Ismay (5300'), Desert Creek (5400')		
Geologic Name of Injection Zone: Ismay, Desert Creek Zone I	Depth of Injection Interval: 5366 to 5445		
a. Top of the Perforated Interval: 5366'	b. Base of Fresh Water: 1304'	c. Intervening Thickness (a minus b): 4062'	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES XX NO			
Lithology of Intervening Zones: See item 4 (ii) on Attachment #1			
Injection Rates and Pressures: Maximum 2000 B/D, 2800 PSI			
The Names and Addresses of Those to Whom Notice of Application Should be Sent.			

State of Colorado)
County of Montezuma)

T. Greg Merrion
Applicant

Before me, the undersigned authority, on this day personally appeared T. Greg Merrion known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 15th day of August, 19 83

SEAL

Bertie D. Dingman

My commission expires 5/2/86

Notary Public in and for State of Colorado
County of Montezuma

(OVER)

McElmo Creek Unit
Well #O-18

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Attached is Form DOGM-UIC-1.

(b) (1) See attached Land Plat.
(2) Attached is Form DOGM-UIC-2.
(3) See attached wellbore sketch.
(4)

i. The intervening thickness is over 4000' between the proposed injection interval and the deepest fresh water sand. Furthermore, all fresh water sands are behind 10-3/4" surface casing. The 10-3/4" - 7" annulus pressure will be monitored to insure no behind pipe communication occurs.

ii. Maximum Estimated Surface Pressure: 2800 psig.
Maximum Estimated Rate: 2000 BWPD.

FORMATION	DEPTH	LITHOLOGY
Chinle	1304'	Shale
10-3/4" Surface Casing	1140'	
DeChelly	2508'	Sandstone
Organ Rock	2566'	Shale
Hermosa	4612'	Limestone
Upper Ismay	5229'	Limestone
Lower Ismay	5327'	Limestone
Gothic	5374'	Shale
Desert Creek	5382'	Limestone
Chimney Rock	5598'	Shale

(5)

(i) A throttling valve will be installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water will be Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5400' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH:	6.5	Ca: 13770	SO4: 25
CL:	16700 ppm	Mg: 11421	H2S: 30
Fe:	3	HCO3: 109.8	Ba: -
CaCO3:	18470	CO3: -	Specific Gravity: 1.0553

(5) Cont.

(iv) The proposed injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.

(v) All fresh water zones are behind surface casing.

(vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).

PH: 6.15	Ca: 15100	SO4: 25.72
CL: 57000 ppm	Mg: 826.2	H2S: 40.0
Fe: 6.9	HCO3: 91.5	Ba: -
CaCO3: 18500	CO3: -	Specific Gravity: 1.0500

(6) If the proposed injection well must be shut-in, the fresh water wells can also be shut in.

(7) N/A.

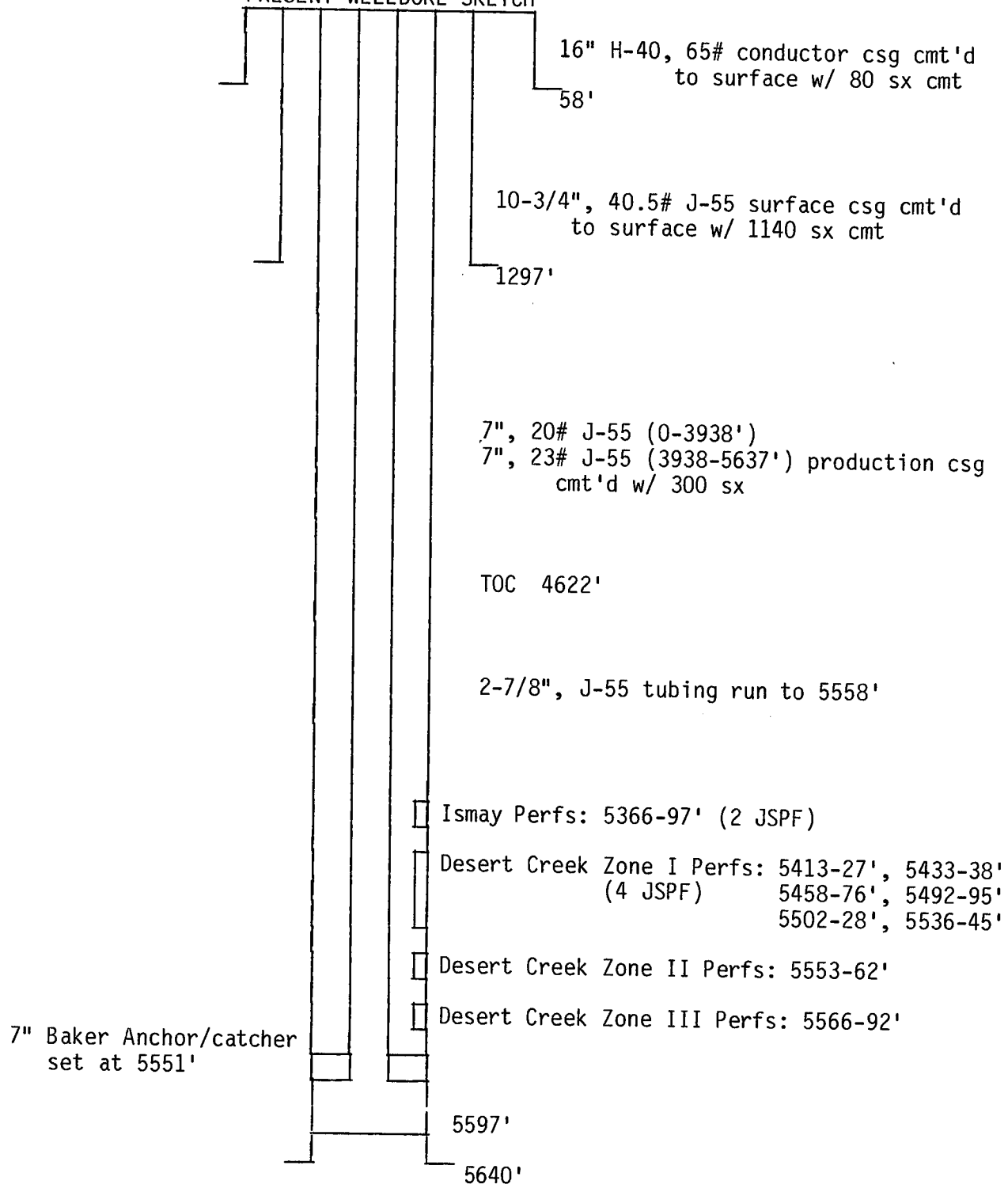
(8) The Division will be notified of the date and time to monitor the mechanical integrity test.

(9) There are no defective wells in this area.

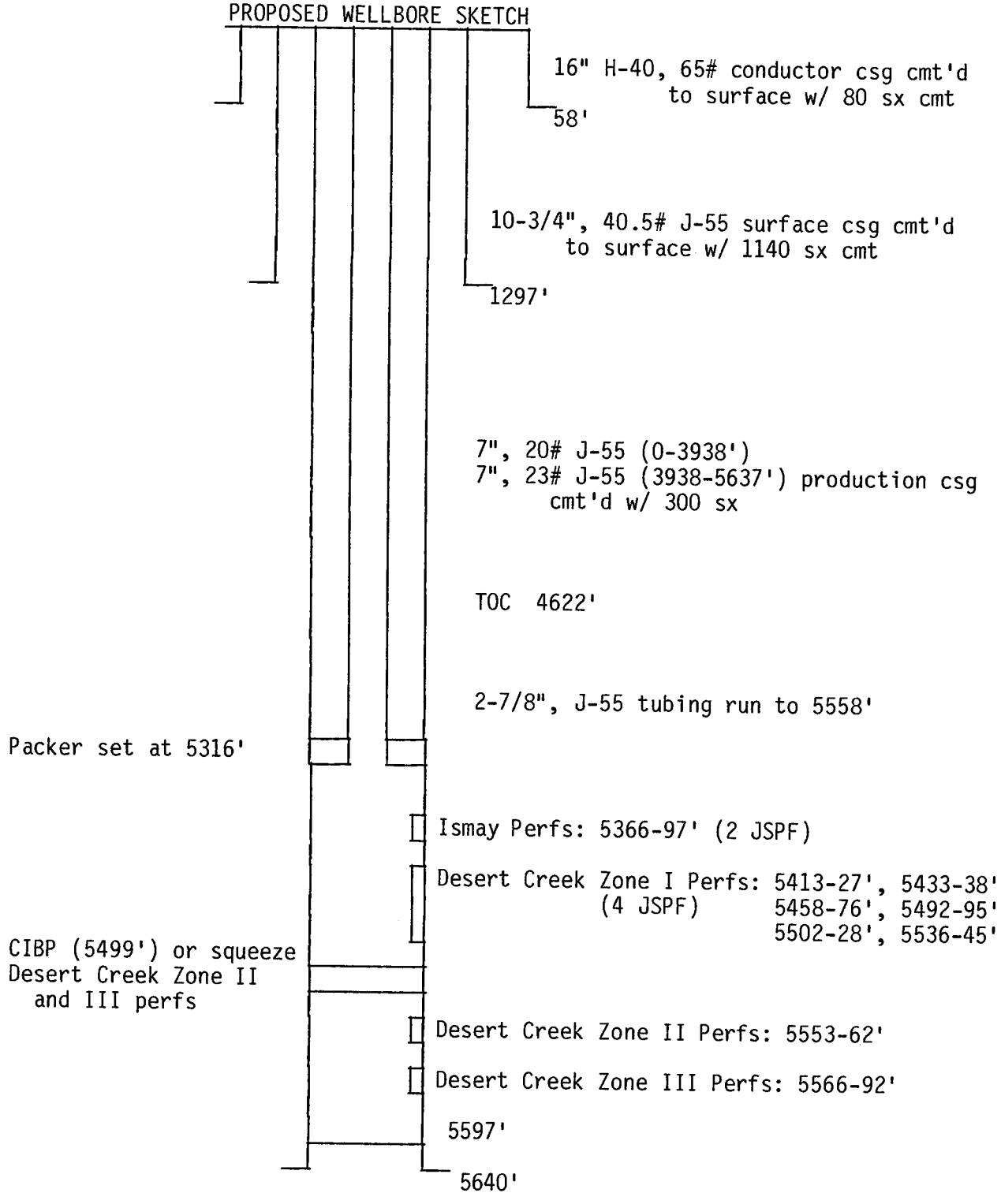
(10) N/A.

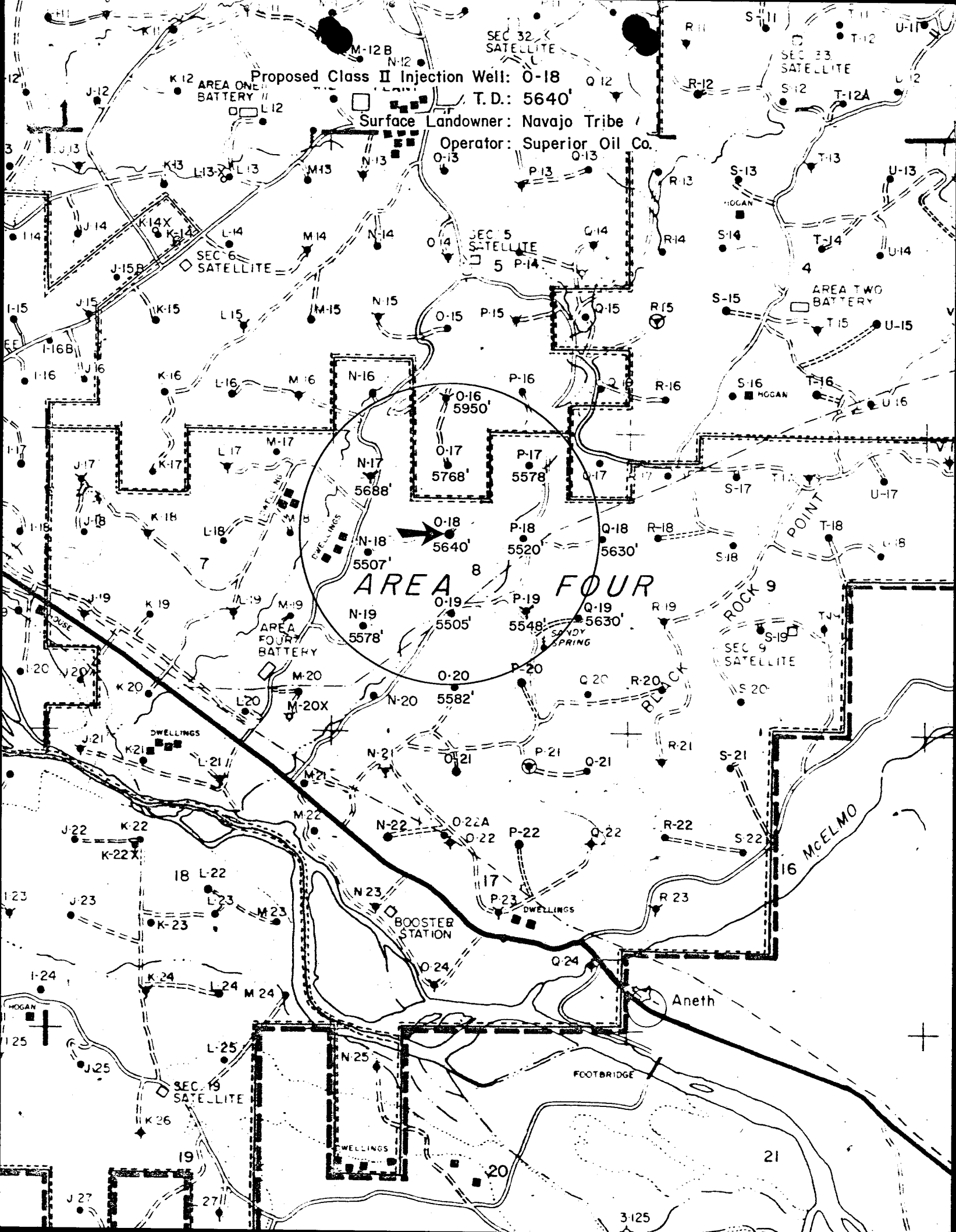
McELMO CREEK UNIT #O-18
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH

PRESENT WELLBORE SKETCH



McELMO CREEK UNIT #O-18
GREATER ANETH FIELD
SAN JUAN COUNTY, UTAH




Proposed Class II Injection Well: O-18
T. D.: 5640'
Surface Landowner: Navajo Tribe
Operator: Superior Oil Co.
AREA FOUR
O-16 5950'
O-17 5768'
N-17 5688'
P-17 5578'
O-18 5640'
N-18 5507'
P-18 5520'
Q-18 5630'
O-19 5505'
N-19 5578'
P-19 5548'
Q-19 5630'
O-20 5582'
N-20
P-20
O-21
N-21
P-21
Q-21
O-22A
O-22
N-22
P-22
Q-22
N-23
P-23
O-24
Q-24
AREA ONE BATTERY
AREA FOUR BATTERY
AREA TWO BATTERY
SEC 32 SATELLITE
SEC 33 SATELLITE
SEC 5 SATELLITE
SEC 6 SATELLITE
SEC 9 SATELLITE
SEC 19 SATELLITE
BOOSTER STATION
SANDY SPRING
POINT ROCK
BLACK MESA
McELMO
Aneth
HOGAN
DWELLINGS
FOOTBRIDGE

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW
* * * * * * * * *

Operator: Superior Well No. O-18

County: San Juan T 41S R 25E Sec. 8 API# 43-037-15517

New Well ___ Conversion ✓ Disposal Well ___ Enhanced Recovery Well ✓

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record	✓	
Schematic Diagram	✓	
Fracture Information		✓
Pressure and Rate Control	✓	
Adequate Geologic Information	✓	
Fluid Source	Prod. zone	
Analysis of Injection Fluid	Yes ✓ No ___	TDS ~34,000
Analysis of Water in Formation to be injected into	Yes ✓ No ___	TDS ~114,000
Known USDW in area	Chinle	Depth 1304'
Number of wells in area of review	9 Prod. 6	P&A ___
	Water ___	Inj. 3
Aquifer Exemption	Yes ___	NA ✓
Mechanical Integrity Test	Yes ? No ___	
	Date ___	Type ___

Comments: TOC = 4622'. Said they would pressure test but no subsequent report of such.

Reviewed by: [signature]

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [XX] gas well [ ] other

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P.O.DRAWER "G", CORTEZ, COLORADO 81321

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1830' FNL, 1890' FWL SEC. 8
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME
McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.
O-18

10. FIELD OR WILDCAT NAME
GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 8, T41S, R25E

12. COUNTY OR PARISH
SAN JUAN

13. STATE
UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF: 4150', GL: 4640'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[XX]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other) Convert to injection		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
SEP 06 1983
DIVISION OF OIL & GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1. MIRU.
2. POH w/ rods, pump, tubing string and tubing anchor.
3. RIH w/ pkr and tubing string. Set pkr at 5499' and test for communication between Desert Creek Zone I and Desert Creek Zones II and III, (i) if communication is determined, squeeze all zones with 1000 sx cmt. Drill out to 5499', perforate Desert Creek Zone I (5413-27', 5433-38', 5458-76', 5492-95') and Ismay (5366-97'); (ii) if not communicated set CIBP at 5499'.
4. Treat D.C. Zone I and Ismay with 10,000 gal 28% HCL. Swab back load fluids.
5. RIH w/ plastic coated pkr and 2-3/8" plastic coated tubing.
6. RDMO.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED T. Greg Merrion (T. Greg Merrion) TITLE Production Engineer DATE 8-15-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 12, 1983

Superior Oil Company
P.O. Drawer "G"
Cortez, CO 81321

Re: Class II Injection Well
Approval
Cause No. UIC-027

Gentlemen:

Please be advised that administrative approval has been granted to inject water into the wells mentioned below. This approval is conditional upon adhering to the UIC rules and regulations adopted by the Board of Oil, Gas and Mining and by not exceeding the maximum authorized pressures and rates.

Township 40 South, Range 24 East

Sec. 36, Well # F-11 NW SW

Township 40 South, Range 25 East

Sec. 31, Well # M-12 SE SE
Sec. 32, Well # N-11 NW SW
Sec. 33, Well # P-11 NW SE
~~Sec. 33, Well # P-17 NW NE~~

Township 41 South, Range 24 East

Sec. 12, Well # I-20 SE SE

Township 41 South, Range 25 East

Sec. 4, Well # R-13 NW NW
Sec. 8, Well # O-18 SE NW
Sec. 8, Well # P-17 NW NE

If you have any questions concerning this matter, please do not hesitate to call or write.

Sincerely,

Dr. G.A. (Jim) Shirazi
Director

GS/TP/tp

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Water Injection
2. NAME OF OPERATOR: SUPERIOR OIL COMPANY
3. ADDRESS OF OPERATOR: P. O. DRAWER G, CORTEZ, COLORADO 81321
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 1830' FNL, 1890' FWL Sec. 8
   AT TOP PROD. INTERVAL: same
   AT TOTAL DEPTH: same
5. LEASE: 14-20-603-263
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
7. UNIT AGREEMENT NAME: McELMO CREEK UNIT
8. FARM OR LEASE NAME:
9. WELL NO.: O-18
10. FIELD OR WILDCAT NAME: GREATER ANETH
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 8, T41S, R25E
12. COUNTY OR PARISH: SAN JUAN
13. STATE: UTAH
14. API NO.:
15. ELEVATIONS (SHOW DF, KDB, AND WD): DF: 4150' GL: 4640'
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	☐	☐
FRACTURE TREAT	☐	☐
SHOOT OR ACIDIZE	☐	XX
REPAIR WELL	☐	☐
PULL OR ALTER CASING	☐	☐
MULTIPLE COMPLETE	☐	☐
CHANGE ZONES	☐	☐
ABANDON*	☐	☐
(other) Converted to injection		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
DEC 23 1983
DIVISION OF OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

11/30/83: MIRU. POOH & LD rods and pump. POOH w/184 jts. tbg., A/C, & perfed sub.
12/1/83: RIH w/bit, scraper & tbg. POOH w/same. RIH w/pkr & Tbg.
12/2/83: Set pkr at 5290'. RU Halliburton, pump 500 sx class B cmt + 10% NaCl + 0.6% Halad -9. Squeezed to 3000 psig. Reverse out cmt. PU 3 stds. Set pkr & pressure up to 2000 psig. SI well.
12/3/83: POOH w/pkr & tbg, RIH w/bit, scraper & tbg. Tag at 5296'. Drill to 5345'. Cmt soft, SDFD.
12/4/83: SDFD.
12/5/83: DO cmt 5345'-5507'. Circulate hole clean, POOH. Perforate Ismay (5366-97'/2 JSPF) & DC Zone I (5413-27', 33-38', 58-76', 92-95'/2 JSPF).
12/6/83: RIH w/91' tail, pkr & tbg, spot 1000 gals 28% HCl. PU 4 stds, set pkr. Broke down formation. Acidized Ismay & D. C. Zone I w/5000 gals 28% HCl in 4 stages, using salt TDA plugs. Swabbed.
12/7/83: Swabbed.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED David B. Jensen TITLE Engineer DATE December 15, 1983
David B. Jensen

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

12/8/83: Swabbed, POOH & LD workstring.
12/9/83: PU & RIH w/PC pkr & 2-3/8" PC tbg. Pump 190 bbl inhibited FW dn annulus. Set pkr at 5299'. Land tbg & fill annulus w/inhibited FW. NU injection head. Shut in well. RDMO.

FORM NO. DOGM-UIC-5
(1981)

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 8414
(801) 533-5771

RULE I-7 (d & e)

NOTICE OF (COMMENCEMENT) (~~TERMINATION~~) OF INJECTION
(Circle appropriate heading)

Check Appropriate Classification:

Date of Commencement/~~Termination~~ 12/9/83

Disposal Well ☐

Enhanced Recovery Injection Well ☒

Enhanced Recovery Project ☐

Well Name #0-18, McElmo Creek Unit

Location: Section 8 Twp. 41S Rng. 25E, County San Juan

Order No. authorizing Injection UIC-027 Date 10/12/83

Zone into Which Fluid Injected ~~Ismay, Desert Creek Zone I~~

If this is a Notice of Termination of injection, please indicate date well commenced injection. _____

If this is a Notice of Terminition of injection, please indicate if well is to be plugged or returned to production; if returned to production, indicate producing interval _____.

RECEIVED
DEC 20 1983
DIVISION OF
OIL, GAS & MINING

Operator Superior Oil Company

Address P. O. Drawer G, Cortez, Co. 81321

David B. Jensen
Signature David B. Jensen, Engineer

December 12, 1983
Date

INSTRUCTION: If this is notification of an enhanced recovery project injection termination, it must be accompanied by an individual well status report for all project injection wells.

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:
On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

3/5

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
FOR THE CORTEZ SUPERVISOR AREA
FOR THE GREATER ANETH FIELD 05/13/86

PROPERTY NAME	WELL NAME	COUNTY	STATE	SEC TWNSHP RNG	WELL TYPE	STAT	API NUMBER	FEDERAL LEASE NUMBER	STATE NUMBER	UNIT NUMBER
MC ELMO CREEK	N-11	SAN JUAN	UT	NW SE 32-40S-25E	INJ	OP	43-037-15965	14-20-603-372		96-004190
	N-13	SAN JUAN	UT	NW NW 05-41S-25E	INJ	OP	43-037-15966	14-20-603-372		96-004190
	N-15	SAN JUAN	UT	SW NW 05-41S-25E	INJ	OP	43-037-05671	14-20-603-372		96-004190
	N-17	SAN JUAN	UT	NW NW 08-41S-25E	INJ	OP	43-037-05597	14-20-603-263		96-004190
	N-19	SAN JUAN	UT	NW SW 08-41S-25E	INJ	OP	43-037-05540	14-20-603-263		96-004190
	N-21	SAN JUAN	UT	NW NW 17-41S-25E	INJ	OP	43-037-05492	14-20-603-263		96-004190
	N-23	SAN JUAN	UT	NW SW 17-41S-25E	INJ	OP	43-037-16364	14-20-603-263		96-004190
	O-12	SAN JUAN	UT	SE SW 32-40S-25E	INJ	OP	43-037-16371	14-20-603-372		96-004190
	O-14	SAN JUAN	UT	SE NW 05-41S-25E	INJ	OP	43-037-16365	14-20-603-372		96-004190
	O-16	SAN JUAN	UT	SE SW 05-41S-25E	INJ	OP	43-037-15969	14-20-603-372		96-004190
	O-18	SAN JUAN	UT	SE NW 08-41S-25E	INJ	OP	43-037-05585	14-20-603-263		96-004190
	P-07	SAN JUAN	UT	NW SE 29-40S-25E	INJ	OP	43-037-05828	I-149-IND-8839-A		96-004190
	P-09	SAN JUAN	UT	NW NE 32-40S-25E	INJ	OP	43-037-16367	14-20-603-372		96-004190
	P-11	SAN JUAN	UT	NW SE 32-40S-25E	INJ	OP	43-037-15971	14-20-603-372		96-004190
	P-13	SAN JUAN	UT	NW NE 05-41S-25E	INJ	OP	43-037-16368	14-20-603-372		96-004190
	P-15	SAN JUAN	UT	NW SE 05-41S-25E	INJ	OP	43-037-16340	14-20-603-372		96-004190
	P-17	SAN JUAN	UT	NW NE 08-41S-25E	INJ	OP	43-037-15976	14-20-603-263		96-004190
	P-19	SAN JUAN	UT	NW SE 08-41S-25E	INJ	OP	43-037-05555	14-20-603-263		96-004190
	P-21	SAN JUAN	UT	NW NE 17-41S-25E	INJ	OP	43-037-05487	14-20-603-263		96-004190
	P-23	SAN JUAN	UT	NW SE 17-41S-25E	INJ	OP	43-037-16370	14-20-603-263		96-004190
	Q-12	SAN JUAN	UT	SE SE 32-40S-25E	INJ	OP	43-037-05720	14-20-603-372		96-004190
	Q-14	SAN JUAN	UT	SE NE 05-41S-25E	INJ	OP	43-037-15974	14-20-603-372		96-004190
	Q-16	SAN JUAN	UT	SE SE 05-41S-25E	INJ	OP	43-037-15975	14-20-603-372		96-004190
	R-11	SAN JUAN	UT	NW SW 33-40S-25E	INJ	SI	43-037-05741	14-20-603-2057		96-004190
	R-11A	SAN JUAN	UT	NW SW 33-40S-25E	INJ	OP	43-037-30179	14-20-603-2057		96-004190
	R-13	SAN JUAN	UT	NW NW 04-41S-25E	INJ	OP	43-037-05709	14-20-603-2057		96-004190
	R-17	SAN JUAN	UT	NW NW 09-41S-25E	INJ	OP	43-037-05602	14-20-603-359		96-004190
	R-19	SAN JUAN	UT	NW SW 09-41S-25E	INJ	OP	43-037-05554	14-20-603-359		96-004190
	R-21	SAN JUAN	UT	NW NW 16-41S-25E	INJ	OP	43-037-16374	14-20-603-359		96-004190
	R-23	SAN JUAN	UT	NW SW 16-41S-25E	INJ	OP	43-037-15977	14-20-603-359		96-004190

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: 14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

OIL WELL ☐ GAS WELL ☐ OTHER W/W

7. UNIT AGREEMENT NAME: MCELMO CREEK

2. NAME OF OPERATOR: SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

8. FARM OR LEASE NAME: MCELMO CREEK UNIT

3. ADDRESS OF OPERATOR: P. O. DRAWER 'G', CORTEZ, COLORADO 81321

9. WELL NO.: O-18

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 1830' FNL, 1890' FWL

10. FIELD AND POOL, OR WILDCAT: GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 8, T41S R25E

14. PERMIT NO.: 43-037-15517

15. ELEVATIONS (Show whether DF, RT, GR, etc.): OGL: 4651'

12. COUNTY OR PARISH: SAN JUAN

13. STATE: UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANE	☐	(Other)			☐
(Other) Build Cathodic Protection System				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

RECEIVED
FEB 10 1986
DIVISION OF
OIL, GAS & MINING

The Superior Oil Company

Began Drilling: 10/28/57
Finished Drilling: 11/23/57

To maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area ofthe well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protectio system.

18. I hereby certify that the foregoing is true and correct

SIGNED C. J. Benally TITLE Sr. Regulatory Engineer DATE 2/4/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

Converted 1983 ✓

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # 0-18 (NAV. 114-11) SEC. 8 TOWNSHIP 41S RANGE 25E

STATE FED. FEE DEPTH 5640 TYPE WELL INJW MAX. INJ. PRESS. 2800 PSI
PBTD 5597 Water Trailer Log 8/27/85 2000 BWPD

TEST DATE 9/10/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	16"	58'	80sx	54#	Blew down in 4 secs	
INTERMEDIATE	10 3/4"	1297'	1140sx	0#	rate 122	
PRODUCTION	7"		300sx		6370	
TUBING	2 7/8"	5558		1900#		

Baker Anchor/Catcher at 5551'

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE						
INTERMEDIATE						
PRODUCTION						
TUBING						

RECEIVED
JUN 08 1990
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well /_/ Gas Well /_/ Other: Water Injection
2. Name of Operator
MOBIL OIL CORPORATION
3. Address of Operator
P. O. DRAWER G, CORTEZ, CO. 81321
4. Location of Well
1830' FNL, 1890' FWL SEC 8 T41S, R25E

5. Lease Designation & Serial No.
14-20-603-263
6. If Indian, Allottee or Tribe Name
NAVAJO
7. Unit Agreement Name
McELMO CREEK UNIT
8. Farm or Lease Name
McELMO CREEK
9. Well No.
O-18
10. Field and Pool, or Wildcat
GREATER ANETH
11. Sec. T,R,M or BLK and Survey or Area
SEC 8, T41S, R25E
12. County, Parish
SAN JUAN
13. State
UTAH

14. Permit No.
43-037-15517
15. Elevations (DF, RT, GR)
GR 4651'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

Notice of Intention To:				Subsequent Report of:			
Test Water Shut-off	/_/	Pull or Alter Casing	/_/	Water Shut-off	/_/	Repairing Well	/_/
Fracture Treat	/_/	Multiple Complete	/_/	Fracture Treatment	/_/	Altering Casing	/_/
Shoot or Acidize	/_/	Abandon *	/_/	Shooting/Acidizing	/_/	Abandonment *	/_/
Repair Well	/_/	Change Plans	/_/	(Other) CONVERT TO WAG (Water-Alternating-Gas Injection)			
(Other)			/_/	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)			

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zone pertinent to this work) *

05/07/90 MIRU Install BOPE. Unset packer and POH with packer and old injection tubing. Layed down tubing. Shut in for night.

05/08/90 Pick up 2 7/8" workstring. RIH with 7" scraper on end of workstring. Tagged PBTD @ 5507'. POH with bit scraper and tubing. Rig up Guiberson Straddle Packer. RIH with packer with half of work string. Shut in for night.

05/09/90 Finish running in hole with packer. Set packer at 5468'-78'. Rig up service company and prepare to acidize. Found that all perforations are communicating. Abandoned straddle treating attempt. Pull up hole to 5340' and reset packer. Shut in for night.

05/10/90 Acidized all perfs with 5000 gallons of 15% HCL w/2 1000 gallon gelled salt divert plugs. Flowed back load to tank.

05/11/90 Recovered all load. POH with treating tool and tubing. Pick up 2 7/8" cement lined injection tubing and botton hole injection assembly. Set packer at 5259'. Pressure tested casing tubing annulus at 1000 Psi for 30 minutes. Zero leak off. Released pressure. Circulated packer fluid. Nippled up injection tree. Shut in for night.

05/12/90 Rig down move off.

OIL AND GAS	
DRN	RJF
JRB	1- GLH ✓
DTS	SLS
2-DMF	
3. DJJ	
MICROFILM	
4- FILE	

---

18. I hereby certify that the foregoing is true and correct

Signed: M. T. Baloo Title: Staff Operations Engineer Date: 06/04/90
(801) 651-3214 ext 509

(This space for Federal or State office use)
APPROVED BY_____ TITLE:_____ DATE:_____
CONDITIONS OF APPROVAL, IF ANY:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
MCELMO CREEK UN O-18

2. Name of Operator
MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

9. API Well No.
43-037-15517

3. Address and Telephone No.
P. O. 633, MIDLAND, TX 79702 **(915) 688-2585**

10. Field and Pool, or exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1830' FNL, 1890' FWL; SEC. 8, T41S, R25E

11. County or Parish, State
SAN JUAN **UT**

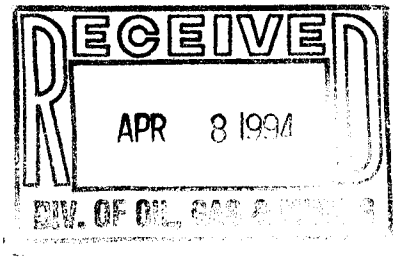
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

***** SEE ATTACHED *****



14. I hereby certify that the foregoing is true and correct
Signed Donnell Sims for Shirley Todd Title **ENV. & REG. TECHNICIAN** Date **04/04/94**

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*** See Instruction on Reverse Side**

McArthur River Unit D-19
Workover Procedure

1. MI 300+ bbl flat bottom open top tank with gas vent line. MIRU coiled tubing unit with 1-1/4" coiled tubing. MI Standby Safety Services (303/565-6391) having 5 Scott 30 minute airpacks, five minute escape packs for all coiled tubing/acid stimulation crew, personal H2S monitors for all personnel on location, and one safety man. Acid stimulation company to provide eye wash station. Hook up coiled tubing injection pump to fresh water transport. Lay flow line from wing valve to a choke manifold having two adjustable chokes. Lay flowline from choke manifold to flat bottom tank. Stake and clean flowline down. PT coiled tubing to 6000 psi using injection water.

2. RIH with 1-1/4" coiled tubing with perforation wash nozzle and CO to PBTD at 5507' using fresh water at maximum circulating rate at maximum circulating pressure of 5000 psi. Spot 5 bbls of xylene across perforations and bullhead into formation using fresh water. POH. If unable to CO fill using injection water, attempt to clean out fill using 10 bbl of 15 percent HCL acid containing 2 gals/mgals corrosion inhibitor, and 10 lbs/mgals iron sequestering agent, 1 percent mutual solvent, neutralizing any unspent acid that returns to tank. If unsuccessful in cleaning well out, POH, RIH with 1-3/4" dynadrill on 1-1/4" coiled tubing and drill out fill. POH.

3. MIRU wireline unit with lubricator. Turn off all radios/cellular telephones on location and post warning signs for radio/cellular telephone silence at all roads within 100 yards of location. RIH with 1-11/16" magnetically decentralized Enerjet perforating guns loaded with 3.5 gram RDX charges at 6 SPF, 60 degree phasing and perforate 5437'-5496' and 5410 -5440'. POH. RDMO wireline.

4. RU coiled tubing. Pickle coiled tubing with 3 bbls of 15 percent HCL acid, reverse out to pit or tank and neutralize. RIH with 1-1/4" coiled tubing with perforation wash nozzle. Wash perforations shot in previous step without taking returns using 2 bbls/ft of 15 percent HCL acid. NOTE: All acid pumped into well to contain 2 gals/mgals corrosion inhibitor, 10 lbs/mgals iron sequestering agent, and 1 percent mutual solvent. Pump rate should be maximum injection rate at 5000 psi surface injection pressure. Overdisplace acid using fresh water. POH. RDMO coiled tubing unit and all surface equipment.

5. Pump out tank. Turn well over to production leaving well shut in.

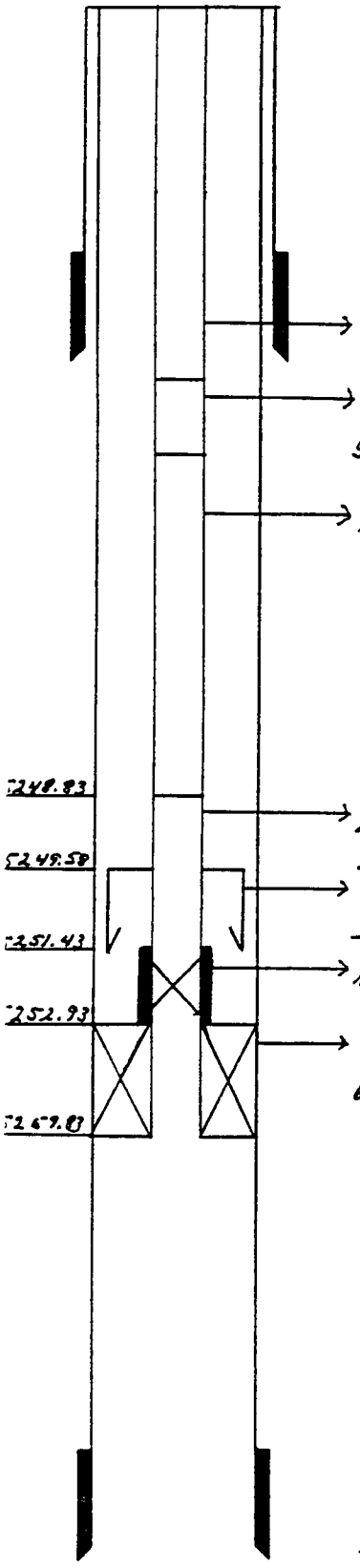
BAKER SERVICE TOOLS

Mobil Oil Corp

DATE 05/25/90 PROJECT O-18 McElmo Creek Unit PAGE ____ OF ____

KB 10'

2 3/8 EUE Cement Lined Tubing = .00387 BBL/ft
7" 23# Casing = .03936 BBL/ft
2 3/8 X 7" Annulus = .03133 BBL/ft



1 Joint 2 3/8 EU Cement Lined Tubing	31.34	
2 3/8 EU Cement Lined Tubing Sub.	10.14	
166 Joints 2 3/8 EU Cement Lined Tubing	5197.35	
2 3/8 EU Pin X 2 3/8 EU Box X-over 316 S.S.	.75	
5 1/2 X 2 3/8 X 1.81 "F" HEL ON-OFF Tool 316 SS.	1.85	
Model "B" Shut off Valve 925 Inconel	1.50	
47B Inverted Lok-set w/ 6 P.E. System 825 Incloy	6.90	
Total Tubing & Tools	5249.83	
KB Adjustment	10.00	
	5259.83	

5253' 2 3/8 C.L Tubing = 20.36 BBL
5253' 2 3/8 X 7" Annulus = 164.80 BBL
Total Volume to Packer = 185.16 BBL

05/21

Pick up 2 Joints 2 3/8 Cement Lined Tubing Try to Set Packer @ 5321. Wouldn't Hold Pull Packer out of the hole to Run C.I.L.

05/22

Ran Casing Inspection Log (Halliburton Wireline Services) Very Bad Casing below 5293. Start Picking Up New String of Tool. Seal Lub every Connection.

05/23

Finished Running Tubing in the hole Layed down 10 Joints Picked up 8 Joints and 1 -10' sub. Set Packer. Test Annulus to 1000 psi. Pump 200 BBL Packer Fluid Reconnect ON-OFF Tool. Valve wouldn't open.

05/24

Still Couldn't open Valve. Release Packer Pull out of the hole. Valve Stuck w/ Seal Lub & Permatex. Pick up New String of Tools Start back in the hole Put Tube of Gun Grease on top of Valve Got 40 stands in..

05/25

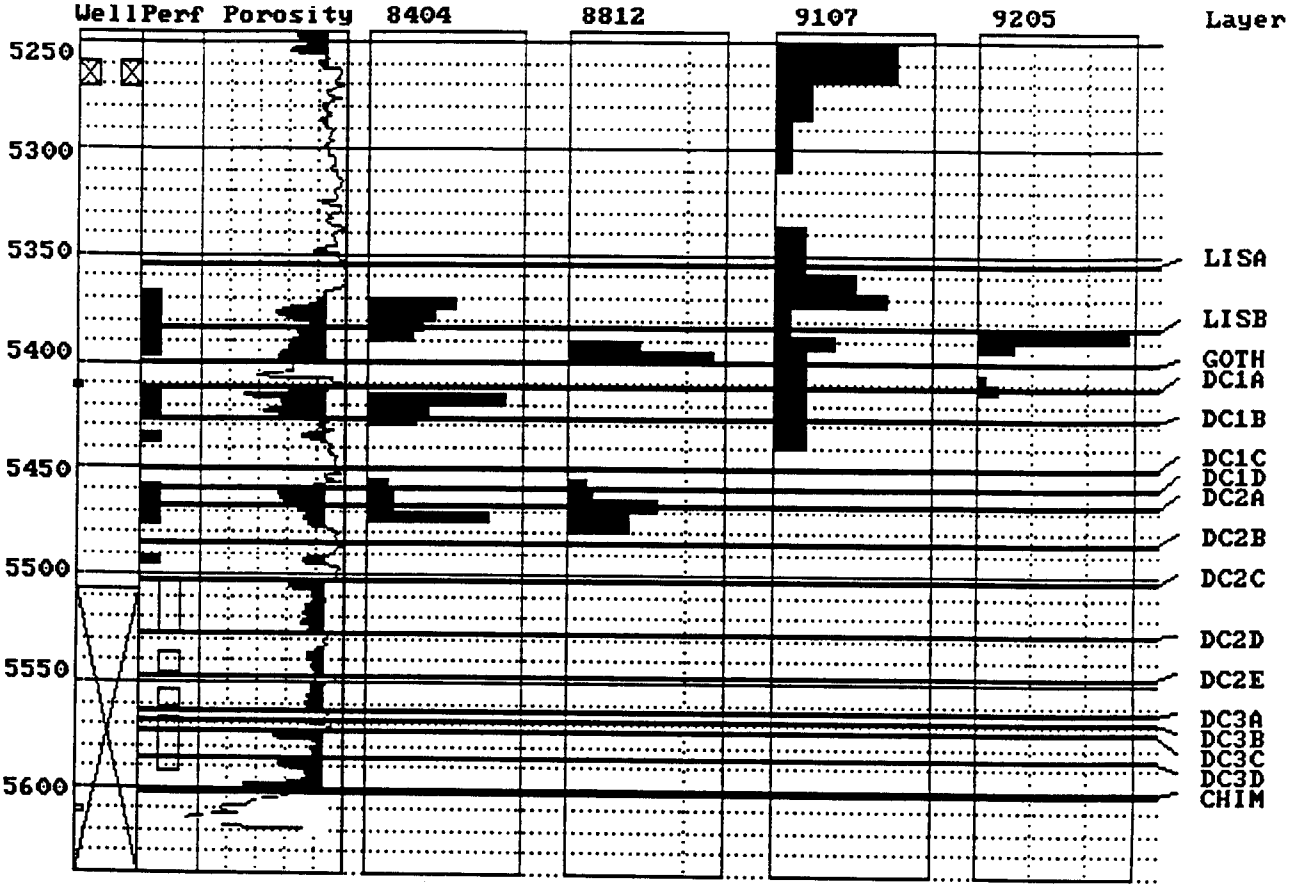
Finished Running Tubing. Set Packer Open Valve. Release ON-OFF Tool. Strip off BOP Install Well head. Pump 200 BBL Packer Fluid. Reconnect ON-OFF Tool Open Valve Land Tubing w/ 15000 # Compression Test Annulus 1500 psi for 30 minutes

Hook Load = 39 450 # Hole Dry
34 322 # Hole Full

PBTD 5507

15,000 # ↓ = 17" Slack off

PROFILE HISTORY
McElmo Creek Unit O-18



PROFILE NOTES:

9205 Profile: CO2 injection profile
9205 Profile: Flow into 1D (Temp log)

PROFILE HISTORY:

DATE	UPIS	LISA	LISB	LSWA1	LSWA2	DC1A	DC1B	DC1C	DC1D	LSWB1	LSWB2	DC2A	DC2B	DC2C	DC2D	DC2E	DC3A	DC3B	DC3C	DC3D	Unknown
8404		30.0	6.5			28.5	7.0	3.0	7.5			17.5									
8812			45.6					4.0	24.2			26.2									
9107	52.0	23.0	5.0			20.0															
9205			86.4			9.6															4.0

Proposed Perfs

5457' - 5496'

5410' - 5440'

~~5456 - 5496~~

No Log Req.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
14-20-603-263

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other

8. Well Name and No.
MCELMO CREEK UN O-18

2. Name of Operator
MOBIL EXPLORATION & PRODUCING US, AS AGENT FOR MOBIL OIL CORPORATION

9. API Well No.
43-037-15517

3. Address and Telephone No.
P. O. 633, MIDLAND, TX 79702 **(915) 688-2585**

10. Field and Pool, or exploratory Area
GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
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11. County or Parish, State
SAN JUAN **UT**

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TYPE OF SUBMISSION	TYPE OF ACTION	
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☒ Subsequent Report	☐ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other **PERFORATION**	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

04/05/94 MIRU. SPOT 5 BBLS XYLENE F/5496-5249'; PERF W/6 JSPF F/5457-96, 5410-40.

04/06/94 ACDZ PERFS 5410-96 W/138 BBLS 15% HCL ACID + ADDITIVES. FLUSHED W/62 BBLS FW. RDMO

RECEIVED
APR 18 1994
DIV. OF OIL, GAS & MIN.

14. I hereby certify that the foregoing is true and correct
Signed _____ Title **ENV. & REG. TECHNICIAN** Date **04/13/94**

(This space for Federal or State office use)
Approved by _____ Title _____ Date tax credit 8/8/94
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*** See Instruction on Reverse Side**

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-PL ✓
2-LWP	8-SJ ✓
3-~~DTS~~	9-FILE ✓
4-VLC ✓	
5-RJF ✓	
6-LWP ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator XXX Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: **8-2-95**)

TO (new operator) **MOBIL EXPLOR & PROD**
(address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
phone (303) 564-5212
account no. N7370

FROM (former operator) **M E P N A**
(address) **C/O MOBIL OIL CORP**
PO DRAWER G
CORTEZ CO 81321
phone (303)564-5212
account no. N7370

Well(s) (attach additional page if needed):

Name: ** SEE ATTACHED **	API: 037.15517	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:
Name:	API:	Entity:	Sec	Twp	Rng	Lease Type:

OPERATOR CHANGE DOCUMENTATION

N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).

N/A 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form).

N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.

N/A 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.

Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-3-95)

LWP 6. Cardex file has been updated for each well listed above. 8-31-95

LWP 7. Well file labels have been updated for each well listed above. 9-28-95

Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-3-95)

Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

ENTITY REVIEW

Lec 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ___ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).

N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only) * No Fee Lease Wells at this time!

N/A/Lec 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.

___ 2. A copy of this form has been placed in the new and former operators' bond files.

___ 3. The former operator has requested a release of liability from their bond (yes/no) ___. Today's date _____ 19___. If yes, division response was made by letter dated _____ 19___.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

N/A 1. (Rule R615-2-10) The former operator/lessee of any **fee lease** well listed above has been notified by letter dated _____ 19___, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
DTS 8/5/95

N/A 2. Copies of documents have been sent to State Lands for changes involving **State leases.**

FILMING

✓ 1. All attachments to this form have been microfilmed. Date: October 4 19 95.

FILING

___ 1. Copies of all attachments to this form have been filed in each well file.

___ 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950803 UIC F5/Not necessary!

Division of Oil, Gas and Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

[ ] Well File _____

_____

(Location) Sec___Twp___Rng___

(API No.) _____

[ ] Suspense

(Return Date) _____

(To - Initials) _____

[XXX] Other

OPER NM CHG

1. Date of Phone Call: 8-3-95 Time: _____

2. DOGM Employee (name) L. CORDOVA (Initiated Call [ ])
Talked to:

Name R. J. FIRTH (Initiated Call [XX]) - Phone No. ( )

of (Company/Organization) _____

3. Topic of Conversation: M E P N A / N7370

4. Highlights of Conversation:

OPERATOR NAME IS BEING CHANGED FROM M E P N A (MOBIL EXPLORATION AND PRODUCING NORTH AMERICA INC) TO MOBIL EXPLOR & PROD. THE NAME CHANGE IS BEING DONE AT THIS TIME TO ALLEVIATE CONFUSION, BOTH IN HOUSE AND AMONGST THE GENERAL PUBLIC.

*SUPERIOR OIL COMPANY MERGED INTO M E P N A 4-24-86 (SEE ATTACHED).

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:
On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,

R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

STATE OF UTAH
INVENTORY OF INJECTION WELLS

OPERATOR	API NO.	WELL	TNS	RGE	SE	WELLTYPE	INDIAN COUNT
MEPNA (MOBIL	43-037-30974	G-21A	41S	24E	13	INJW	Y
MEPNA (MOBIL	43-037-16344	E-23	41S	24E	14	INJW	Y
MEPNA (MOBIL	43-037-16343	E-21	41S	24E	14	INJW	Y
MEPNA (MOBIL	43-037-16353	I-25	41S	24E	24	INJW	Y
MEPNA (MOBIL	43-037-16349	G-25	41S	24E	24	INJW	Y
MEPNA (MOBIL	43-037-16384	V-15	41S	25E	3	INJI	Y
MEPNA (MOBIL	43-037-16383	V-13	41S	25E	3	INJW	Y
MEPNA (MOBIL	43-037-16157	U-16	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16148	R-13	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16149	R-15	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16378	T-13	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16379	T-15	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16156	U-14	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16152	S-16	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16151	S-14	41S	25E	4	INJW	Y
MEPNA (MOBIL	43-037-16365	O-14	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15969	O-16	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-16363	N-15	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15966	N-13	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15975	Q-16	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15974	Q-14	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15972	P-15	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-16368	P-13	41S	25E	5	INJW	Y
MEPNA (MOBIL	43-037-15960	L-15	41S	25E	6	INJI	Y
MEPNA (MOBIL	43-037-16355	J-13	41S	25E	6	INJW	Y
MEPNA (MOBIL	43-037-15959	L-13	41S	25E	6	INJW	Y
MEPNA (MOBIL	43-037-15963	M-14	41S	25E	6	INJI	Y
MEPNA (MOBIL	43-037-15957	K-16	41S	25E	6	INJI	Y
MEPNA (MOBIL	43-037-15954	J-15	41S	25E	6	INJI	Y
MEPNA (MOBIL	43-037-15956	K-14	41S	25E	6	INJW	Y
MEPNA (MOBIL	43-037-16361	M-16	41S	25E	6	INJW	Y
MEPNA (MOBIL	43-037-15498	J-17	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-15511	M-20	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-15510	M-18	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-15505	L-19	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-16360	L-17	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-15503	K-20	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-16357	K-18	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-16356	J-19	41S	25E	7	INJW	Y
MEPNA (MOBIL	43-037-15519	P-17	41S	25E	8	INJW	Y
MEPNA (MOBIL	43-037-15515	N-19	41S	25E	8	INJW	Y
MEPNA (MOBIL	43-037-15514	N-17	41S	25E	8	INJW	Y
MEPNA (MOBIL	43-037-15520	P-19	41S	25E	8	INJW	Y
MEPNA (MOBIL	43-037-15517	O-18	41S	25E	8	INJW	Y
MEPNA (MOBIL	43-037-16373	R-19	41S	25E	9	INJW	Y
MEPNA (MOBIL	43-037-15976	R-17	41S	25E	9	INJI	Y
MEPNA (MOBIL	43-037-16380	T-17	41S	25E	9	INJW	Y
MEPNA (MOBIL	43-037-16374	R-21	41S	25E	16	INJW	Y
MEPNA (MOBIL	43-037-31439	P-23A	41S	25E	17	INJW	Y
MEPNA (MOBIL	43-037-15516	N-21	41S	25E	17	INJW	Y
MEPNA (MOBIL	43-037-16369	P-21	41S	25E	17	INJW	Y
MEPNA (MOBIL	43-037-16364	N-23	41S	25E	17	INJW	Y
MEPNA (MOBIL	43-037-15507	L-23	41S	25E	18	INJW	Y

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **06-01-2001**

FROM: (Old Operator):	**TO:** (New Operator):
MOBIL EXPLORATION & PRODUCTION	EXXONMOBIL OIL CORPORATION
Address: P O BOX DRAWER "G"	Address: U S WEST P O BOX 4358
CORTEZ, CO 81321	HOUSTON, TX 77210-4358
Phone: 1-(970)-564-5212	Phone: 1-(713)-431-1010
Account No. N7370	Account No. N1855

CA No. **Unit:** **MCELMO CREEK**

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NAVAJO C 42-6 (MCELMO CREEK M-14)	06-41S-25E	43-037-15963	99990	INDIAN	WI	A
NAVAJO C 11-6 (MCELMO CREEK J-13)	06-41S-25E	43-037-16355	99990	INDIAN	WI	A
NAVAJO C-2 (MCELMO CREEK M-16)	06-41S-25E	43-037-16361	99990	INDIAN	WI	A
NAVAJO 114-6 (MCELMO CREEK J-17)	07-41S-25E	43-037-15498	99990	INDIAN	WI	A
MCELMO CR K-20	07-41S-25E	43-037-15503	5980	INDIAN	WI	A
MCELMO CR L-19	07-41S-25E	43-037-15505	99990	INDIAN	WI	A
MCELMO CR M-18	07-41S-25E	43-037-15510	5980	INDIAN	WI	A
MCELMO CR M-20	07-41S-25E	43-037-15511	5980	INDIAN	WI	A
MCELMO CR J-19	07-41S-25E	43-037-16356	99990	INDIAN	WI	A
NAVAJO 114-18 (MCELMO CREEK K-18)	07-41S-25E	43-037-16357	99990	INDIAN	WI	A
NAVAJO 114-9 (MCELMO CREEK L-17)	07-41S-25E	43-037-16360	99990	INDIAN	WI	A
NAVAJO 114-1 (MCELMO CREEK N-17)	08-41S-25E	43-037-15514	99990	INDIAN	WI	A
NAVAJO 114-2 (MCELMO CREEK N-19)	08-41S-25E	43-037-15515	99990	INDIAN	WI	A
NAVAJO 114-11 (MCELMO CREEK O-18)	08-41S-25E	43-037-15517	99990	INDIAN	WI	A
NAVAJO 114-10 (MCELMO CREEK P-17)	08-41S-25E	43-037-15519	99990	INDIAN	WI	A
NAVAJO 114-4 (MCELMO CREEK P-19)	08-41S-25E	43-037-15520	99990	INDIAN	WI	A
NAVAJO J 11-9 (MCELMO CREEK R-17)	09-41S-25E	43-037-15976	99990	INDIAN	WI	A
NAVAJO J-2 (MCELMO CREEK R-19)	09-41S-25E	43-037-16373	99990	INDIAN	WI	A
NAVAJO J 31-9 (MCELMO CREEK T-17)	09-41S-25E	43-037-16380	99990	INDIAN	WI	A
NAVAJO J 11-16 (MCELMO CREEK R-21)	16-41S-25E	43-037-16374	99990	INDIAN	WI	A

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/29/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/29/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 04/09/2002
4. Is the new operator registered in the State of Utah: YES Business Number: 579865-0143
5. If **NO**, the operator was contacted contacted on: N/A

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BIA-06/01/01

7. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 06/01/2001

8. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 04/16/2002

NOTE: EPA ISSUES UIC PERMITS

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 04/16/2002
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 04/16/2002
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: N/A

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 80273197

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

ExxonMobil Production Comp
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

June 27, 2001

ExxonMobil
Production

Mr. Jim Thompson
State of Utah, Division of Oil, Gas and Mining
1549 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

Change of Name – Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Mr. Thompson

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

A copy of the Certification, Bond Rider and a list of wells are attached.

If you have any questions please feel free to call Joel Talavera at 713-431-1010

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS
~~XXXXXXXXXXXXXXX~~
Navajo Area Office
NAVAJO REGION
P.O. Box 1060
Gallup, New Mexico 87305-1060

IN REPLY REFER TO:

RRES/543

AUG 30 2001

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Charlotte H. Harper, Permitting Supervisor
Exxon Mobil Production Company
U. S. West
P. O. Box 4358
Houston, TX 77210-4358

Dear Ms. Harper:

This is to acknowledge receipt of your company's name change from Mobil Oil Corporation to ExxonMobil Oil Corporation effective June 1, 2001. The receipt of documents includes the Name Change Certification, current listing of Officers and Directors, Listing of Leases, Financial Statement, filing fees of $75.00 and a copy of the Rider for Bond Number 8027 31 97. There are no other changes.

Please note that we will provide copies of these documents to other concerned parties. If you need further assistance, you may contact Ms. Bertha Spencer, Realty Specialist, at (928) 871-5938.

Sincerely,

DENNIS DENETSONE

Regional Realty Officer

cc: BLM, Farmington Field Office w/enclosures
Navajo Nation Minerals Office, Attn: Mr. Akhtar Zaman, Director/w enclosures

MINERAL RESOURCES
ADM BLM
NATV AM MIN COORD
SOLID MIN TEAM
PETRO MGMT TEAM
O & G INSPECT TEAM
ALL TEAM LEADERS
LAND RESOURCES
ENVIRONMENT
FILES

ExxonMobil Production Company
U.S. West
P.O. Box 4358
Houston, Texas 77210-4358

7/12/2001 543 File

June 27, 2001

ExxonMobil
Production

Certified Mail
Return Receipt Requested

RECEIVED #477 JUL 9 - 2001 Navajo Region Office RES - Minerals Section

Ms. Genni Denetsone
United States Department of the Interior
Bureau of Indian Affairs, Navajo Region
Real Estate Services
P. O. Box 1060
Gallup, New Mexico 87305-1060
Mail Code 543

Change of Name –
Mobil Oil Corporation to
ExxonMobil Oil Corporation

Dear Ms. Denetsone:

Effective June 1, 2001, Mobil Oil Corporation (MOC) changed its name to ExxonMobil Oil Corporation (EMOC). This was a name change only; EMOC is the same corporation as Mobil Oil Corporation, but with a new name. No facility or other asset was transferred from one corporation to another by virtue of the name change. Specifically, EMOC will remain the owner and operator of its existing exploration and production oil and gas properties and facilities, as well as relevant permits.

There is no change to the name of Exxon Mobil Corporation, the ultimate shareholder of EMOC.

Please note the change of name of MOC to ExxonMobil Oil Corporation in your records pertaining to any MOC permits.

The Federal Identification Number for MOC (13-5401570) will remain the same for EMOC.

Attached is the Name Change Certification, Current listing of Officers and Directors, Filing Fee of $75/-, Listing of Leases, Financial Statement and a copy of the Rider for Bond number 8027 31 97. The original Bond Rider has been sent to Ms. Barbar Davis at your Washington Office.

If you have any questions , please contact Alex Correa at (713) 431-1012.

Very truly yours,

Charlotte H. Harper

Charlotte H. Harper
Permitting Supervisor

Attachments

RECEIVED JUL 05 2001 NAVAJO REGION OFFICE BRANCH OF REAL ESTATE SERVICES

**ExxonMobil Production Company
a division of Exxon Mobil Corporation,
acting for ExxonMobil Oil Corporation**

NOTE: Check forwarded to Ella Isosi

Bureau of Indian Affairs
Navajo Region Office
Attn: RRES - Mineral and Mining Section
P.O. Box 1060
Gallup, New Mexico 87305-1060

Gentlemen:

The current listing of officers and director of ExxonMobil Oil Corporation (Name of Corporation), of New York (State) is as follows:

OFFICERS

President	F.A. Risch	Address	5959 Las Colinas Blvd. Irving, TX 75039
Vice President	K.T. Koonce	Address	800 Bell Street Houston, TX 77002
Secretary	F.L. Reid	Address	5959 Las Colinas Blvd. Irving, TX 75039
Treasure	B.A. Maher	Address	5959 Las Colinas Blvd. Irving, TX 75039

DIRECTORS

Name	D.D. Humphreys	Address	5959 Las Colinas Blvd. Irving, TX 75039
Name	P.A. Hanson	Address	5959 Las Colinas Blvd. Irving, TX 75039
Name	T.P. Townsend	Address	5959 Las Colinas Blvd. Irving, TX 75039
Name	B.A. Maher	Address	5959 Las Colinas Blvd. Irving, TX 75039
Name	F.A. Risch	Address	5959 Las Colinas Blvd. Irving, TX 75039

Sincerely,

Alex Correa

This is to certify that the above information pertaining to ExxonMobil Oil Corporation (Corporation) is trust and correct as evidenced by the records and accounts covering business for the State of Utah and in the custody of Corporation Service Company (Agent), Phone: 1 (800)927-9800, whose business address is One Utah Center, 201 South Main Street, Salt Lake City, Utah 84111-2218

(CORPORATE SEAL)

Signature

AGENT AND ATTORNEY IN FACT
Title

SAL

CERTIFICATION

I, the undersigned Assistant Secretary of ExxonMobil Oil Corporation. (formerly Mobil Oil Corporation), a corporation organized and existing under the laws of the State of New York, United States of America, DO HEREBY CERTIFY, That, the following is a true and exact copy of the resolutions adopted by the Board of Directors on May 22, 2001:

CHANGE OF COMPANY NAME

WHEREAS, the undersigned Directors of the Corporation deem it to be in the best interest of the Corporation to amend the Certificate of Incorporation of the Corporation to change the name and principal office of the Corporation:

NOW THEREFORE BE IT RESOLVED, That Article 1st relating to the corporate name is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

FURTHER RESOLVED, That the amendment of the Corporation's Certificate of Incorporation referred to in the preceding resolutions be submitted to the sole shareholder of the Corporation entitled to vote thereon for its approval and, if such shareholder gives its written consent, pursuant to Section 803 of the Business Corporation Law of the State of New York, approving such amendment, the proper officers of the Corporation be, and they hereby are, authorized to execute in the name of the Corporation the Certificate of Amendment of Certificate of Incorporation, in the form attached hereto;

FURTHER RESOLVED, That the proper officers of the Corporation be and they hereby are authorized and directed to deliver, file and record in its behalf, the Certificate of Amendment of Certificate of Incorporation, and to take such action as may be deemed necessary or advisable to confirm and make effective in all respects the change of this Company's name to EXXONMOBIL OIL CORPORATION.

WITNESS, my hand and the seal of the Corporation at Irving, Texas, this 8th day of June, 2001.

D. A. Millican
Assistant Secretary

COUNTY OF DALLAS)
STATE OF TEXAS)
UNITED STATES OF AMERICA)
Sworn to and subscribed before me at Irving, Texas, U. S. A. on this the 8th day of June, 2001.

Janice M. Phillips
Notary Public

LISTING OF LEASES OF MOBIL OIL CORPORATION

	Lease Number
1)	14-20-0603-6504
2)	14-20-0603-6505
3)	14-20-0603-6506
4)	14-20-0603-6508
5)	14-20-0603-6509
6)	14-20-0603-6510
7)	14-20-0603-7171
8)	14-20-0603-7172A
9)	14-20-600-3530
10)	14-20-603-359
11)	14-20-603-368
12)	14-20-603-370
13)	14-20-603-370A
14)	14-20-603-372
15)	14-20-603-372A
16)	14-20-603-4495
17)	14-20-603-5447
18)	14-20-603-5448
19)	14-20-603-5449
20)	14-20-603-5450
21)	14-20-603-5451

6/1/01

CHUBB GROUP OF INSURANCE COMPANIES

[illegible] South, Suite [illegible], Houston, Texas [illegible]
[illegible] 927-4600 • Facsimile (713) 297-4750

NW Bond

FEDERAL INSURANCE COMPANY RIDER
to be attached to and form a part of

BOND NO 8027 31 97
wherein
Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc. is named as Principal and

FEDERAL INSURANCE COMPANY AS SURETY,

in favor of United States of America, Department of the Interior Bureau of Indian Affairs

in the amount of **$150,000.00**
bond date: 11/01/65

IT IS HEREBY UNDERSTOOD AND AGREED THAT effective **June 1, 2001** the name of the Principal is changed

FROM: **Mobil Oil Corporation and Mobil Exploration and Producing U.S., Inc.**

TO : **ExxonMobil Oil Corporation**

All other terms and conditions of this Bond are unchanged.

Signed, sealed and dated this **12th** of **June, 2001**.

ExxonMobil Oil Corporation

By: _____

FEDERAL INSURANCE COMPANY

By: Mary Pierson
Mary Pierson, Attorney-in-fact

Chubb Surety | **POWER OF ATTORNEY** | **Federal Insurance Company, Vigilant Insurance Company, Pacific Indemnity Company** | **Attn.: Surety Department, 15 Mountain View Road, Warren, NJ 07059**

Know All by These Presents, That FEDERAL INSURANCE COMPANY, an Indiana corporation, VIGILANT INSURANCE COMPANY, a New York corporation, and PACIFIC INDEMNITY COMPANY, a Wisconsin corporation, do each hereby constitute and appoint R.F. Bobo, Mary Pierson, Philana Berros, and Jody E. Specht of Houston, Texas----------

each as their true and lawful Attorney-in-Fact to execute under such designation in their names and to affix their corporate seals to and deliver for and on their behalf as surety thereon or otherwise, bonds and undertakings and other writings obligatory in the nature thereof (other than bail bonds) given or executed in the course of business, and any instruments amending or altering the same, and consents to the modification or alteration of any instrument referred to in said bonds or obligations.

In Witness Whereof, said FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY have each executed and attested these presents and affixed their corporate seals on this 10th day of May, 2001.

Kenneth C. Wendel, Assistant Secretary

Frank E. Robertson, Vice President

STATE OF NEW JERSEY }
County of Somerset } ss.

On this 10th day of May, 2001, before me, a Notary Public of New Jersey, personally came Kenneth C. Wendel, to me known to be Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY, the companies which executed the foregoing Power of Attorney, and the said Kenneth C. Wendel being by me duly sworn, did depose and say that he is Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY and knows the corporate seals thereof, that the seals affixed to the foregoing Power of Attorney are such corporate seals and were thereto affixed by authority of the By-Laws of said Companies; and that he signed said Power of Attorney as Assistant Secretary of said Companies by like authority; and that he is acquainted with Frank E. Robertson, and knows him to be Vice President of said Companies; and that the signature of Frank E. Robertson, subscribed to said Power of Attorney is in the genuine handwriting of Frank E. Robertson, and was thereto subscribed by authority of said Companies and in deponent's presence.

Notarial Seal

Karen A. Price
Notary Public State of New Jersey
No. 2231647
Commission Expires Oct. 28, 2004

Notary Public

CERTIFICATION

Extract from the By-Laws of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY:

"All powers of attorney for and on behalf of the Company may and shall be executed in the name and on behalf of the Company, either by the Chairman or the President or a Vice President or an Assistant Vice President, jointly with the Secretary or an Assistant Secretary, under their respective designations. The signature of such officers may be engraved, printed or lithographed. The signature of each of the following officers: Chairman, President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached."

I, Kenneth C. Wendel, Assistant Secretary of FEDERAL INSURANCE COMPANY, VIGILANT INSURANCE COMPANY, and PACIFIC INDEMNITY COMPANY (the "Companies") do hereby certify that

(i) the foregoing extract of the By-Laws of the Companies is true and correct,
(ii) the Companies are duly licensed and authorized to transact surety business in all 50 of the United States of America and the District of Columbia and are authorized by the U. S. Treasury Department; further, Federal and Vigilant are licensed in Puerto Rico and the U. S. Virgin Islands, and Federal is licensed in American Samoa, Guam, and each of the Provinces of Canada except Prince Edward Island; and
(iii) the foregoing Power of Attorney is true, correct and in full force and effect.

Given under my hand and seals of said Companies at Warren, NJ this 12th day of June, 2001.

Kenneth C. Wendel, Assistant Secretary

IN THE EVENT YOU WISH TO NOTIFY US OF A CLAIM, VERIFY THE AUTHENTICITY OF THIS BOND OR NOTIFY US OF ANY OTHER MATTER, PLEASE CONTACT US AT ADDRESS LISTED ABOVE, OR BY Telephone (908) 903-3485 Fax (908) 903-3656 e-mail: surety@chubb.com

15-10-0225 (Ed. 4-99) CONSENT

F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

OF

MOBIL OIL CORPORATION

(Under Section 805 of the Business Corporation Law)

Pursuant to the provisions of Section 805 of the Business Corporation Law, the undersigned President and Secretary, respectively, of Mobil Oil Corporation hereby certify:

FIRST: That the name of the corporation is MOBIL OIL CORPORATION and that said corporation was incorporated under the name of Standard Oil Company of New York.

SECOND: That the Certificate of Incorporation of the corporation was filed by the Department of State, Albany, New York, on the 10th day of August, 1882.

THIRD: That the amendments to the Certificate of Incorporation effected by this Certificate are as follows:

(a) Article 1st of the Certificate of Incorporation, relating to the corporate name, is hereby amended to read as follows:

"1st The corporate name of said Company shall be,

ExxonMobil Oil Corporation",

(b) Article 7th of the Certificate of Incorporation, relating to the office of the corporation is hereby amended to read as follows:

The office of the corporation within the State of New York is to be located in the County of Albany. The Company shall have offices at such other places as the Board of Directors may from time to time determine.

FOURTH: That the amendments to the Certificate of Incorporation were authorized by the Board of Directors followed by the holder of all outstanding shares entitled to vote on amendments to the Certificate of Incorporation by written consent of the sole shareholder dated May 22, 2001.

IN WITNESS WHEREOF, this Certificate has been signed this 22nd Day of May, 2001.

F. A. Risch, President

STATE OF TEXAS)
COUNTY OF DALLAS)

F. L. REID, being duly sworn, deposes and says that he is the Secretary of MOBIL OIL CORPORATION, the corporation mentioned and described in the foregoing instrument; that he has read and signed the same and that the statements contained therein are true.

F. L. REID, Secretary

SUBSCRIBED AND SWORN TO before me, the undersigned authority, on this the 22nd day of May, 2001.

[SEAL]

NOTARY PUBLIC, STATE OF TEXAS

JANICE M. PHILLIPS
MY COMMISSION EXPIRES
May 16, 2002

CSC 5184334741 06/01 '01 09:01 NO.411 02/02
CSC 06/01 '01 09:06 NO.139 04/04

F010601000187

CSC 45

CERTIFICATE OF AMENDMENT

OF

MOBIL OIL CORPORATION

Under Section 805 of the Business Corporation Law

100 cc

STATE OF NEW YORK
DEPARTMENT OF STATE
FILED JUN 01 2001
TAX $
BY:

Filed by: EXXONMOBIL CORPORATION
(Name)

5959 Las Colinas Blvd.
(Mailing address)

Irving, TX 75039-2298
(City, State and Zip code)

Cust Ref # 1655781MPJ

RECEIVED
JUL 05 2001
REAL ESTATE SERVICES

010601000195

State of New York }
Department of State } *ss:*

I hereby certify that the annexed copy has been compared with the original document in the custody of the Secretary of State and that the same is a true copy of said original.

Witness my hand and seal of the Department of State on JUN 01 2001

STATE OF NEW YORK
DEPARTMENT OF STATE
EXCELSIOR

Special Deputy Secretary of State

DOS-1266 (7/00)

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

X Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **6/1/2006**

FROM: (Old Operator):	**TO:** (New Operator):
N1855-ExxonMobil Oil Corporation	N2700-Resolute Natural Resources Company
PO Box 4358	1675 Broadway, Suite 1950
Houston, TX 77210-4358	Denver, CO 80202
Phone: 1 (281) 654-1936	Phone: 1 (303) 534-4600

CA No. **Unit:** **MC ELMO (UIC)**

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/21/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/24/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/7/2006
4. Is the new operator registered in the State of Utah: YES Business Number: 5733505-0143
5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: requested

6b. Inspections of LA PA state/fee well sites complete on: n/a

6c. Reports current for Production/Disposition & Sundries on: ok

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA not yet
8. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
9. **Federal and Indian Communization Agreements ("CA"):** The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/12/2006

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/22/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/22/2006
3. Bond information entered in RBDMS on: n/a
4. Fee/State wells attached to bond in RBDMS on: n/a
5. Injection Projects to new operator in RBDMS on: 6/22/2006
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: n/a
2. Indian well(s) covered by Bond Number: PA002769
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a

a. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See attached list	Attached
Location of Well	Field or Unit Name
Footage : See attached list County : San Juan	McElmo Creek Unit
QQ, Section, Township, Range: State : UTAH	Lease Designation and Number: See attached list

EFFECTIVE DATE OF TRANSFER: 6/1/2006

CURRENT OPERATOR

Company: Exxon Mobil Oil Corporation
Address: PO Box 4358
city Houston state TX zip 77210-4358
Phone: (281) 654-1936

Name:
Signature:
Title:
Date:

Comments: Exxon Mobil has submitted a separate, signed copy of UIC Form 5

NEW OPERATOR

Company: Resolute Natural Resources Company
Address: 1675 Broadway, Suite 1950
city Denver state CO zip 80202
Phone: (303) 534-4600

Name: Dwight E Mallory
Signature:
Title: Regulatory Coordinator
Date: 4/20/2006

Comments: A list of affected UIC wells is attached.
New bond numbers for these wells are:
BIA Bond # PA002769 and US EPA Bond # B001252

(This space for State use only)

Transfer approved by:
Title: Field Operations Manager

Approval Date: 6/12/06

Comments:

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DIV. OF OIL, GAS & MINING

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: See attached list	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribe	
7. UNIT or CA AGREEMENT NAME: McElmo Creek Unit	
1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Unit Agreement	8. WELL NAME and NUMBER: See attached list
2. NAME OF OPERATOR: Resolute Natural Resources Company N2700	9. API NUMBER: Attached
3. ADDRESS OF OPERATOR: 1675 Broadway, Suite 1950 CITY Denver STATE CO ZIP 80202 / PHONE NUMBER: (303) 534-4600	10. FIELD AND POOL, OR WILDCAT: Greater Aneth
4. LOCATION OF WELL FOOTAGES AT SURFACE: See attached list QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: San Juan STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☑ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective June 1, 2006 Exxon Mobil Oil Corporation resigns as operator of the McElmo Creek Unit. Also effective June 1, 2006 Resolute Natural Resources Company is designated as successor operator of the McElmo Creek Unit.

A list of affected producing and water source wells is attached. A separate of affected injection wells is being submitted with UIC Form 5, Transfer of Authority to Inject.

As of the effective date, bond coverage for the affected wells will transfer to BIA Bond # PA002769.

NAME (PLEASE PRINT) Dwight E Mallory TITLE Regulatory Coordinator

SIGNATURE [signature] DATE 4/20/2006

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining (See Instructions on Reverse Side)
Earlene Russell, Engineering Technician

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APR 24 2006
DIV. OF OIL, GAS & MINING

(5/2000)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ship Rock

7. UNIT or CA AGREEMENT NAME: UTU68930A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER Injection

8. WELL NAME and NUMBER: McElmo Creek

2. NAME OF OPERATOR: ExxonMobil Oil Corporation N1855

9. API NUMBER: attached

3. ADDRESS OF OPERATOR: P.O. Box 4358 CITY Houston STATE TX ZIP 77210-4358

PHONE NUMBER: (281) 654-1936

10. FIELD AND POOL, OR WILDCAT: Aneth

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY: San Juan

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/1/2006	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☑ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☐ OTHER:
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

ExxonMobil Oil Corporation is transferring operatorship of Greater Aneth field, McElmo Creek lease to Resolute Natural Resources Company. All change of operator notices should be made effective as of 7:00 AM MST on June 1, 2006.

Attached please find a listing of injection wells included in the transfer.

NAME (PLEASE PRINT) Laurie Kilbride TITLE Permitting Supervisor

SIGNATURE Laurie B. Kilbride DATE 4/19/2006

(This space for State use only)

APPROVED 6/22/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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APR 21 2006
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	H11	430371635000S1	Active	14-20-0603-6145	NW	SE	36	40S	24E	1855FSL	2100FEL
MCELMO CREEK	I12	430371561900S1	Active	14-20-0603-6145	SE	SE	36	40S	24E	0595FSL	0595FEL
MCELMO CREEK	F11	430371561700S1	Shut-in	14-20-0603-6146	NW	SW	36	40S	24E	1885FSL	0820FWL
MCELMO CREEK	G12	430371561800S1	Active	14-20-0603-6146	SE	SW	36	40S	24E	1910FNL	2051FWL
MCELMO CREEK	D15	430371634100S1	Active	14-20-0603-6147	NW	SE	2	41S	24E	1830FSL	1830FEL
MCELMO CREEK	A17	430371633800S1	Active	14-20-0603-6148	NE	NE	10	41S	24E	1270FNL	0660FEL
MCELMO CREEK	C14	430371626500S1	Active	14-20-0603-6509	SE	NW	2	41S	24E	2140FNL	2140FWL
MCELMO CREEK	D13	430371626700S1	Active	14-20-0603-6510	NW	NE	2	41S	24E	0820FNL	1920FEL
MCELMO CREEK	E14	430371626800S1	Active	14-20-0603-6510	SE	NE	2	41S	24E	2050FNL	0500FEL
MCELMO CREEK	T08	430371637700S1	Shut-in	14-20-603-2048A	SW	SE	28	40S	25E	0660FSL	1980FEL
MCELMO CREEK	R09	430371614700S1	Active	14-20-603-2057	NW	NW	33	40S	25E	0500FNL	0625FWL
MCELMO CREEK	R11A	4303730179000S1	Active	14-20-603-2057	NW	SW	33	40S	25E	2030FSL	0680FWL
MCELMO CREEK	R13	430371614800S1	Active	14-20-603-2057	NW	NW	4	41S	25E	0660FNL	0660FWL
MCELMO CREEK	R15	430371614900S1	Active	14-20-603-2057	NW	SW	4	41S	25E	1990FSL	0500FWL
MCELMO CREEK	S10	430371637500S1	Active	14-20-603-2057	SE	NW	33	40S	25E	1980FNL	1980FWL
MCELMO CREEK	S12	430371615000S1	Active	14-20-603-2057	SE	SW	33	40S	25E	0645FSL	2140FWL
MCELMO CREEK	S14	430371615100S1	Active	14-20-603-2057	SE	NW	4	41S	25E	2005FNL	1820FWL
MCELMO CREEK	S16	430371615200S1	Active	14-20-603-2057	SE	SW	4	41S	25E	0700FSL	1820FWL
MCELMO CREEK	T09A	430373008000S1	Active	14-20-603-2057	NW	NE	33	40S	25E	0940FNL	2035FEL
MCELMO CREEK	T13	430371637800S1	Active	14-20-603-2057	NW	NE	4	41S	25E	0500FNL	2090FEL
MCELMO CREEK	T15	430371637900S1	Active	14-20-603-2057	NW	SE	4	41S	25E	1880FSL	1890FEL
MCELMO CREEK	U10	430371638100S1	Active	14-20-603-2057	SE	NE	33	40S	25E	1980FNL	0610FSL
MCELMO CREEK	U12	430371615500S1	Active	14-20-603-2057	SE	SE	33	40S	25E	0660FSL	0805FEL
MCELMO CREEK	U14	430371615600S1	Active	14-20-603-2057	SE	NE	4	41S	25E	1980FNL	0660FEL
MCELMO CREEK	U16	430371615700S1	Active	14-20-603-2057	SE	SE	4	41S	25E	0550FSL	0745FEL
MCELMO CREEK	V13	430371638300S1	Active	14-20-603-2057	NW	NW	3	41S	25E	0660FNL	0660FWL
MCELMO CREEK	V15	430371638400S1	Active	14-20-603-2057	NW	SW	3	41S	25E	1980FSL	0560FWL
MCELMO CREEK	J17	430371549800S1	Active	14-20-603-263	NW	NW	7	41S	25E	0820FNL	0550FWL
MCELMO CREEK	J19	430371635600S1	Active	14-20-603-263	NW	SW	7	41S	25E	2056FNL	1997FWL
MCELMO CREEK	J21	430371549900S1	Active	14-20-603-263	NW	NW	18	41S	25E	0400FNL	0575FWL
MCELMO CREEK	K18	430371635700S1	Active	14-20-603-263	SE	NW	7	41S	25E	1830FNL	1808FWL
MCELMO CREEK	K20	430371550300S1	Active	14-20-603-263	SE	SW	7	41S	25E	0660FSL	1810FWL
MCELMO CREEK	K22X	430373040000S1	Active	14-20-603-263	SE	NW	18	41S	25E	2082FNL	1588FWL
MCELMO CREEK	K24	430371635800S1	Active	14-20-603-263	SE	SW	18	41S	25E	0660FSL	1801FWL
MCELMO CREEK	L17	430371636000S1	Active	14-20-603-263	NW	NE	7	41S	25E	0660FNL	1980FEL
MCELMO CREEK	L19	430371550500S1	Active	14-20-603-263	NW	SE	7	41S	25E	1860FSL	2140FEL
MCELMO CREEK	L21	430371550600S1	Active	14-20-603-263	NW	NE	18	41S	25E	0820FNL	1980FEL
MCELMO CREEK	L23	430371550700S1	Active	14-20-603-263	NW	SE	18	41S	25E	1980FSL	1980FEL
MCELMO CREEK	M18	430371551000S1	Active	14-20-603-263	SE	NE	7	41S	25E	1850FNL	0790FEL
MCELMO CREEK	M20	430371551100S1	Shut-in	14-20-603-263	SE	SE	7	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N17	430371551400S1	Active	14-20-603-263	NW	NW	8	41S	25E	0810FNL	0660FWL
MCELMO CREEK	N19	430371551500S1	Active	14-20-603-263	NW	SW	8	41S	25E	1850FSL	0500FWL
MCELMO CREEK	N21	430371551600S1	Active	14-20-603-263	NW	NW	17	41S	25E	0660FNL	0660FWL
MCELMO CREEK	O18	430371551700S1	Active	14-20-603-263	SE	NW	8	41S	25E	1830FNL	1890FWL
MCELMO CREEK	P17	430371551900S1	Active	14-20-603-263	NW	NE	8	41S	25E	0660FNL	1980FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	P19	430371552000S1	Active	14-20-603-263	NW	SE	8	41S	25E	2140FSL	1980FEL
MCELMO CREEK	P21	430371636900S1	Active	14-20-603-263	NW	NE	17	41S	25E	0660FNL	1980FEL
MCELMO CREEK	P23A	430373143900S1	Active	14-20-603-263	SW	NE	17	41S	25E	2531FNL	2325FEL
MCELMO CREEK	L25	430371550800S1	Active	14-20-603-264	NW	NE	19	41S	25E	0660FNL	1980FEL
MCELMO CREEK	R17	430371597600S1	Active	14-20-603-359	NW	NW	9	41S	25E	0740FNL	0560FWL
MCELMO CREEK	R19	430371637300S1	Active	14-20-603-359	NW	SW	9	41S	25E	1980FSL	0660FWL
MCELMO CREEK	R21	430371637400S1	Active	14-20-603-359	NW	NW	16	41S	25E	0511FNL	0562FWL
MCELMO CREEK	T17	430371638000S1	Active	14-20-603-359	NW	NE	9	41S	25E	0675FNL	1933FEL
MCELMO CREEK	E21	430371634300S1	Active	14-20-603-370	NE	NE	14	41S	24E	0660FNL	0660FEL
MCELMO CREEK	E23	430371634400S1	Active	14-20-603-370	NE	SE	14	41S	24E	2031FSL	0711FEL
MCELMO CREEK	G21A	430373097400S1	Active	14-20-603-370	NE	NW	13	41S	24E	0867FNL	1883FWL
MCELMO CREEK	G23	430371634800S1	Shut-in	14-20-603-370	NE	SW	13	41S	24E	2092FSL	1899FWL
MCELMO CREEK	G25	430371634900S1	Active	14-20-603-370	NE	NW	24	41S	24E	0660FNL	1980FWL
MCELMO CREEK	I23	430371635200S1	Active	14-20-603-370	NE	SE	13	41S	24E	1980FSL	0660FEL
MCELMO CREEK	I25	430371635300S1	Active	14-20-603-370	NE	NE	24	41S	24E	0530FNL	0820FEL
MCELMO CREEK	J11	430371635400S1	TA'd	14-20-603-372	NW	SW	31	40S	25E	1980FSL	0660FWL
MCELMO CREEK	J13	430371635500S1	Active	14-20-603-372	NW	NW	6	41S	25E	0621FNL	0580FWL
MCELMO CREEK	J15	430371595400S1	Active	14-20-603-372	NW	SW	6	41S	25E	1980FSL	0500FWL
MCELMO CREEK	K12	430371595500S1	Active	14-20-603-372	SW	SW	31	40S	25E	0670FSL	1970FWL
MCELMO CREEK	K14	430371595600S1	Active	14-20-603-372	SE	NW	6	41S	25E	1851FNL	1885FWL
MCELMO CREEK	K16	430371595700S1	Active	14-20-603-372	SE	SW	6	41S	25E	0660FSL	1816FWL
MCELMO CREEK	L09	430371635900S1	Active	14-20-603-372	NW	NE	31	40S	25E	0660FNL	1980FEL
MCELMO CREEK	L13	430371595900S1	Active	14-20-603-372	NW	NE	6	41S	25E	0778FNL	1917FEL
MCELMO CREEK	L15	430371596000S1	Active	14-20-603-372	NW	SE	6	41S	25E	1820FSL	1830FEL
MCELMO CREEK	M10	430371596100S1	Shut-in	14-20-603-372	SE	NE	31	40S	25E	1980FNL	0530FEL
MCELMO CREEK	M12	430371596200S1	Active	14-20-603-372	SE	SE	31	40S	25E	0590FSL	0585FEL
MCELMO CREEK	M14	430371596300S1	Active	14-20-603-372	SE	NE	6	41S	25E	2089FNL	0773FEL
MCELMO CREEK	M16	430371636100S1	Active	14-20-603-372	SE	SE	6	41S	25E	0660FSL	0660FEL
MCELMO CREEK	N09	430371596400S1	Shut-in	14-20-603-372	NW	NW	32	40S	25E	0628FNL	0615FWL
MCELMO CREEK	N11	430371596500S1	Active	14-20-603-372	NW	SW	32	40S	25E	2069FSL	0618FWL
MCELMO CREEK	N13	430371596600S1	Active	14-20-603-372	NW	NW	5	41S	25E	0840FNL	0505FWL
MCELMO CREEK	N15	430371636300S1	Active	14-20-603-372	NW	SW	5	41S	25E	2140FSL	820FWL
MCELMO CREEK	O12	430371596800S1	Active	14-20-603-372	SE	SW	32	40S	25E	0809FSL	1832FWL
MCELMO CREEK	O14	430371636500S1	Active	14-20-603-372	SE	NW	5	41S	25E	2056FNL	1997FWL
MCELMO CREEK	O16	430371596900S1	Active	14-20-603-372	SE	SW	5	41S	25E	0660FSL	1980FWL
MCELMO CREEK	P09	430371636700S1	Active	14-20-603-372	NW	NE	32	40S	25E	0598FNL	2100FEL
MCELMO CREEK	P11	430371597101S2	Active	14-20-603-372	NW	SE	32	40S	25E	2105FSL	2006FEL
MCELMO CREEK	P13	430371636800S1	Active	14-20-603-372	NW	NE	5	41S	25E	0610FNL	1796FWL
MCELMO CREEK	P15	430371597200S1	Active	14-20-603-372	NW	SE	5	41S	25E	1980FSL	1980FEL
MCELMO CREEK	Q10	430371597301S1	Active	14-20-603-372	SE	NE	32	40S	25E	1899FNL	0532FEL
MCELMO CREEK	Q16	430371597500S1	TA'd	14-20-603-372	SE	SE	5	41S	25E	0660FSL	0660FEL
MCELMO CREEK	F13	430371634500S1	Active	14-20-603-4032	NW	NW	1	41S	24E	0795FNL	0535FWL
MCELMO CREEK	F15A	430373114900S1	Active	14-20-603-4032	NW	SW	1	41S	24E	1920FSL	0624FWL
MCELMO CREEK	G14	430371614300S1	Active	14-20-603-4032	SE	NW	1	41S	24E	1980FNL	1980FWL
MCELMO CREEK	G16	430371614400S1	Active	14-20-603-4032	SE	SW	1	41S	24E	0820FSL	1820FWL
MCELMO CREEK	H13	430371635100S1	Active	14-20-603-4032	NW	NE	1	41S	24E	0540FNL	2110FEL
MCELMO CREEK	I-14	430371614500S1	Active	14-20-603-4032	SE	NE	1	41S	24E	1980FNL	0660FEL

GREATER ANETH FIELD UIC WELL LIST
McElmo Creek lease, San Juan County, Utah

Reg Lease Name	Well ID	API Num	Status	Reg Lease #	Surface Location						
					Qtr 1	Qtr 2	Sec	TN	RNG	NS Foot	EW Foot
MCELMO CREEK	F17	430371549300S1	Active	14-20-603-4039	NW	NW	12	41S	24E	0740FNL	0500FWL
MCELMO CREEK	G18	430371549400S1	Active	14-20-603-4039	SE	NW	12	41S	24E	1980FNL	1980FWL
MCELMO CREEK	H15	430371549500S1	Active	14-20-603-4039	NW	SE	1	41S	24E	1980FSL	1980FEL
MCELMO CREEK	H17	430371549600S1	Active	14-20-603-4039	NE	NW	12	41S	24E	0660FNL	1980FEL
MCELMO CREEK	I18	430371570900S1	Active	14-20-603-4495	SE	NE	12	41S	24E	1840FNL	0555FEL
MCELMO CREEK	E19	430371634200S1	Shut-in	14-20-603-5449	NE	SE	11	41S	24E	1980FSL	0660FEL
MCELMO CREEK	G19	430371634600S1	Active	14-20-603-5450	NE	SW	12	41S	24E	1350FSL	1800FWL
MCELMO CREEK	I20	430371571000S1	Active	14-20-603-5451	SE	SE	12	41S	24E	0990FSL	0500FEL
MCELMO CREEK	N07	430371636200S1	Active	I-149-IND-8839	NE	SW	29	40S	25E	2083FSL	745FWL
MCELMO CREEK	P07	430371636600S1	Active	I-149-IND-8839	NW	SE	29	40S	25E	1820FSL	2140FEL
MCELMO CREEK	O10	430371596700S1	Active	NOG99041325	SE	NW	32	40S	25E	2086FNL	1944FWL

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL Water Injection Well	**5.LEASE DESIGNATION AND SERIAL NUMBER:** 14-20-603-263
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO
	7.UNIT or CA AGREEMENT NAME: MCELMO CREEK
	8. WELL NAME and NUMBER: NAVAJO 114-11 (MCELMO O-18)
2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES	**9. API NUMBER:** 43037155170000
3. ADDRESS OF OPERATOR: 1675 Boradway Ste 1950 , Denver, CO, 80202 **PHONE NUMBER:** 303 534-4600 Ext	**9. FIELD and POOL or WILDCAT:** GREATER ANETH
4. LOCATION OF WELL **FOOTAGES AT SURFACE:** ~~1830 FNL 1880 FWL~~ Re-Surveyed 1776' FNL 2004' FWL **QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:** Qtr/Qtr: SENW Section: 08 Township: 41.0S Range: 25.0E Meridian: S	**COUNTY:** SAN JUAN **STATE:** UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/18/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	✓ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute proposes to sidetrack the subject well in a high-angle sidetrack to bypass casing damage and effect better injection to enhance area production. The sidetrack will be completed via open hole of 6-1/8 inch diameter from 4800 feet to 5607 feet. The proposed procedure, well bore diagrams, BOP diagram and water source wells are in the attachment.

6594692X
4122939Y
37.239312
-109.199647

Federal Approval of this Action is Necessary

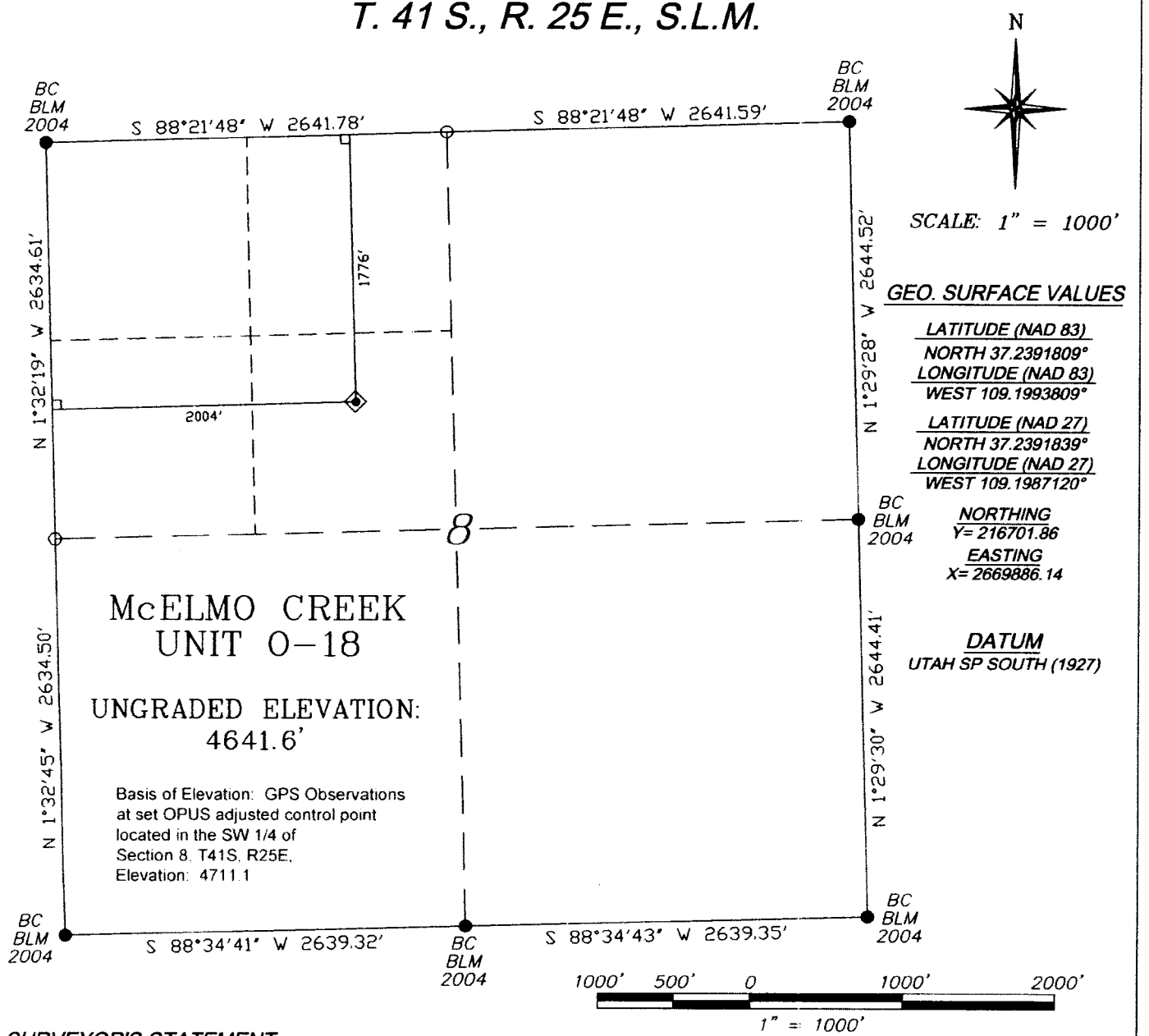
Approved by the Utah Division of Oil, Gas and Mining

Date: 11-14-13
By:

NAME (PLEASE PRINT) Sherry Glass	**PHONE NUMBER** 303 573-4886	**TITLE** Sr Regulatory Technician
SIGNATURE N/A		**DATE** 11/12/2013

RECEIVED: Nov. 12, 2013

T. 41 S., R. 25 E., S.L.M.



SCALE: 1" = 1000'

GEO. SURFACE VALUES

LATITUDE (NAD 83)
NORTH 37.2391809°
LONGITUDE (NAD 83)
WEST 109.1993809°

LATITUDE (NAD 27)
NORTH 37.2391839°
LONGITUDE (NAD 27)
WEST 109.1987120°

NORTHING
Y= 216701.86
EASTING
X= 2669886.14

DATUM
UTAH SP SOUTH (1927)

SURVEYOR'S STATEMENT:

I, John A. Vukonich, of Farmington, New Mexico, hereby state: This plat was made from notes taken during an actual survey under my direct supervision on AUGUST 26, 2013, and it correctly shows the location of McELMO CREEK UNIT O-18.

LEGEND

- ◈ PROPOSED WELL LOCATION
- ● FOUND MONUMENT
- ∟ DENOTES 90° TIE
- ○ CALCULATED POSITION FROM WITNESS CORNER
- ○ FOUND REBAR

UTAH PLS No. 7219139-2201 DATE 9-18-2013
johnv@ufsnm.com

REGISTERED PROFESSIONAL LAND SURVEYOR
No. 7219139
JOHN A. VUKONICH
STATE OF UTAH

EXHIBIT A

UNITED FIELD SERVICES INC.

P.O. BOX 3651
FARMINGTON, N.M.
(505) 334-0408

SCALE: 1" = 1000'
JOB No. 10558
DATE: 08/29/13

PLAT OF PROPOSED WELL LOCATION FOR RESOLUTE NATURAL RESOURCES COMPANY McELMO CREEK UNIT O-18 1776' F/NL & 2004' F/WL, SECTION 8, T. 41 S, R. 25 E, SALT LAKE MERIDIAN SAN JUAN COUNTY, UTAH

BY: H.S. DWG.#: 10558W01

Recompletion/Deepening
McElmo Creek Unit O-18
1,776' FNL & 2,004' FWL
Sec 8, T41S, R25E
San Juan County, Utah
API 43-037-15517-01

Recompletion Procedure (Sundry – Notice of Intent)

1. MIRU.
2. Pull & LD production equipment.
3. Clean out to 5,250'.
4. RU electric line. Log casing inspection log from 5,250' back to surface. Run cement bond log from 5,250' to 1000', to evaluate cement for future P&A ops and to confirm top of the Chinle formation.
5. Set CIBP at approximately 4,800' to isolate current perforations and provide a foundation for a whipstock. Csg inspection & cement bond log will be used to select the final set depth. Pressure test casing.
6. Set a whipstock on top of the RBP, Cut a 6' to 8' window in the 7" casing .
7. Start drilling the sidetrack, w/ 6-1/8" bit to total depth of 5,607' ~ 10' in Chimney Rock
8. RIH and set injection well BHA: wireline re-entry guide, profile nipple w/plug in place, Arrowset 1-X packer, with on/off tool. Packer to be set above the window at ~ 4,750'.
9. Isolate the lower wellbore and protect the packer assembly by setting an RBP at ~1400' & dumping 2 sx sand on top.
10. Perforate at least 50' below the top of Chinle formation with 4 spf over a two foot interval.

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11. Set CICR at least 50' above the perforated interval.

12. Sting into CICR and attempt to establish circulation to surface with fresh water, through the bradenhead.

13. If circulation is established, circulate cement to surface with 100% excess, e.g. calculated volume 250 sx, 100% excess = 500 sx. Volumes will be re-calculated based on actual Chinle Top.

14. If unable to circulate cement to surface, attempt to squeeze a sufficient volume of cement to fill the casing below CICR to the perforated interval, plus 100 ft above top of Chinle.

15. Shut in 24 hours to allow cement to cure.

16. Drill out CICR and cement; pressure test repair; re-squeeze if necessary to obtain successful pressure test of the casing.

17. Wash off & retrieve RBP @ ~1400'.

18. If no successful pressure test after cement squeeze(s) and drillout, Install X-Span™ electric line set patch over Chinle perforated interval.

19. Perform "Mock" MIT to confirm integrity.

20. RIH and circulate down to injection packer. Displace wellbore to packer fluid.

21. RIH with 2-7/8 inch injection tubing and on/off tool & tie onto the packer. Land tubing.

22. Rig up WL and retrieve plug from packer.

23. RDMOL.

24. Perform witnessed MIT.

25. Return the well to injection.

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ADDITIONAL INFORMATION TO SUPPORT
Sundry – Notice of Intent
Mc Elmo Creek Unit O-18

1. Formation Tops

Existing Formation Tops (MD):

Chinle	1326
De Chelley	2511
Organ Rock	2671

Projected Formation Tops (MD):

Upper Ismay:	5255
Lower Ismay:	5336
Gothic Shale:	5400
Desert Creek 1A:	5412
Desert Creek 1B:	5434
Desert Creek 1C:	5448
Desert Creek IIA:	5465
Desert Creek IIB:	5484
Desert Creek IIC:	5504
Desert Creek III:	5574
Chimney Rock Shale:	5597
Total Depth:	5607 (in Chimney Rock)

2. Sidetrack will be via open hole of 6-1/8 inch Diameter from 4800 feet to 5607 feet.

3. Wellbore Diagrams –
   a) Existing Wellbore Diagram – Attachment No. 1
   b) Proposed Wellbore Diagram – Attachment No. 2

4. BOP Diagram and Equipment Description – Attachment No. 3

5. Drilling Mud Specifications
   a) Proposed to drill out / deepen with N2 foamed fresh water fluid, in an underbalanced situation, or if conditions warrant,

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b) $CaCl_2$ brine water will be used, and if this will not control formation pressure during the drilling operations,

c) Drilling mud with a salt polymer will be used if required for control of formation pressure during the drilling operations

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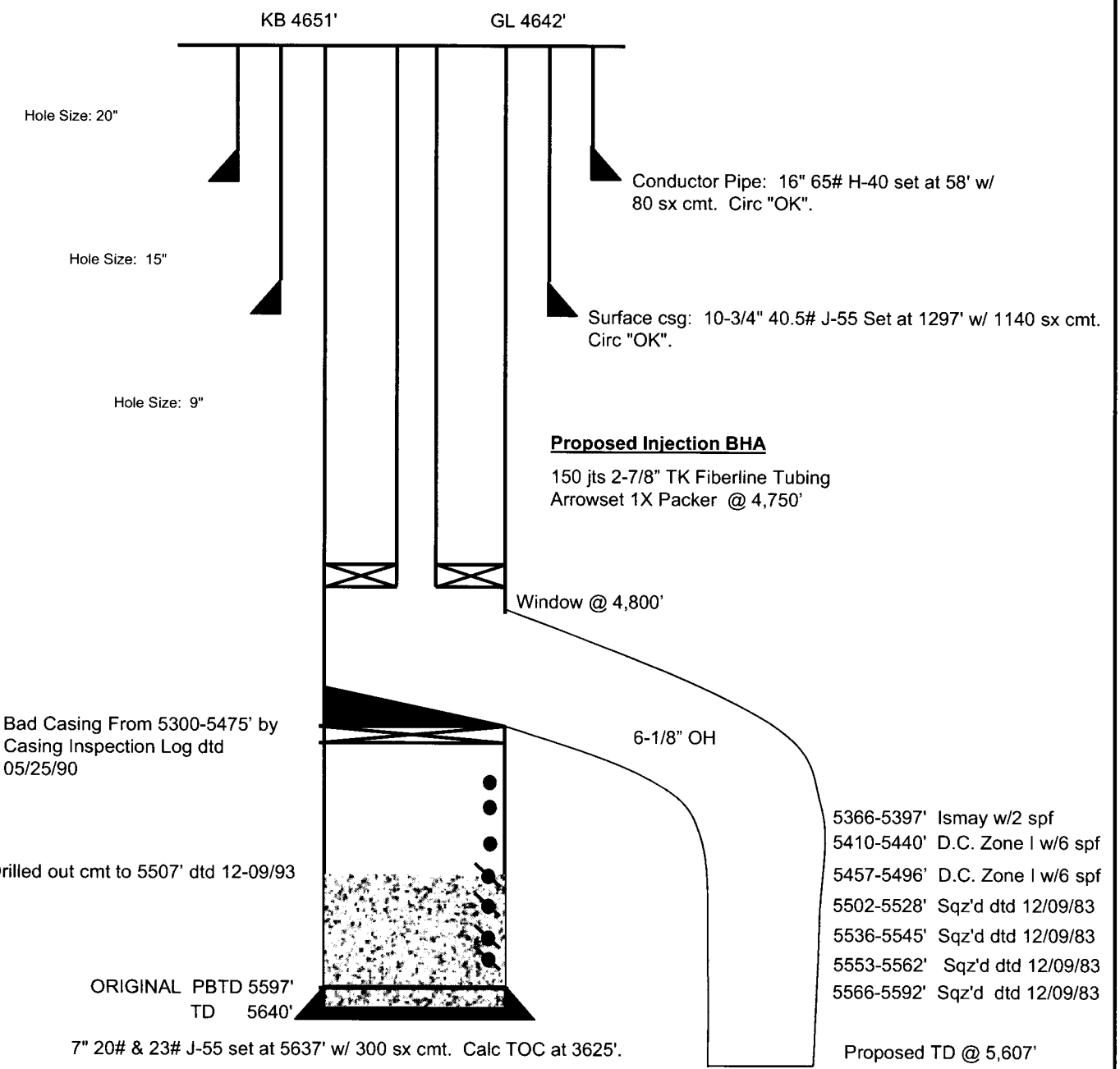
McELMO CREEK UNIT # O-18
GREATER ANETH FIELD
~~1776~~' FNL & ~~2004~~' FWL
SEC 8-T41S-R25E
SAN JUAN COUNTY, UTAH
API 43-037-15517

PROPOSED WBD
INJECTOR

Capacities:	bbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	.00579	.2431	.0325
7" 20#	.0404	1.7005	.2273
7" 23#	.0393	1.6535	.2210
2-7/8x7"20#	.0325	1.3633	.1822
2-7/8x7"23#	.0313	1.3162	.1760



JKR 11/12/13 MCU #O-18

McELMO CREEK UNIT # O-18

GREATER ANETH FIELD

1776' ~~1830'~~ FNL & ~~1890'~~ 2004 FWL

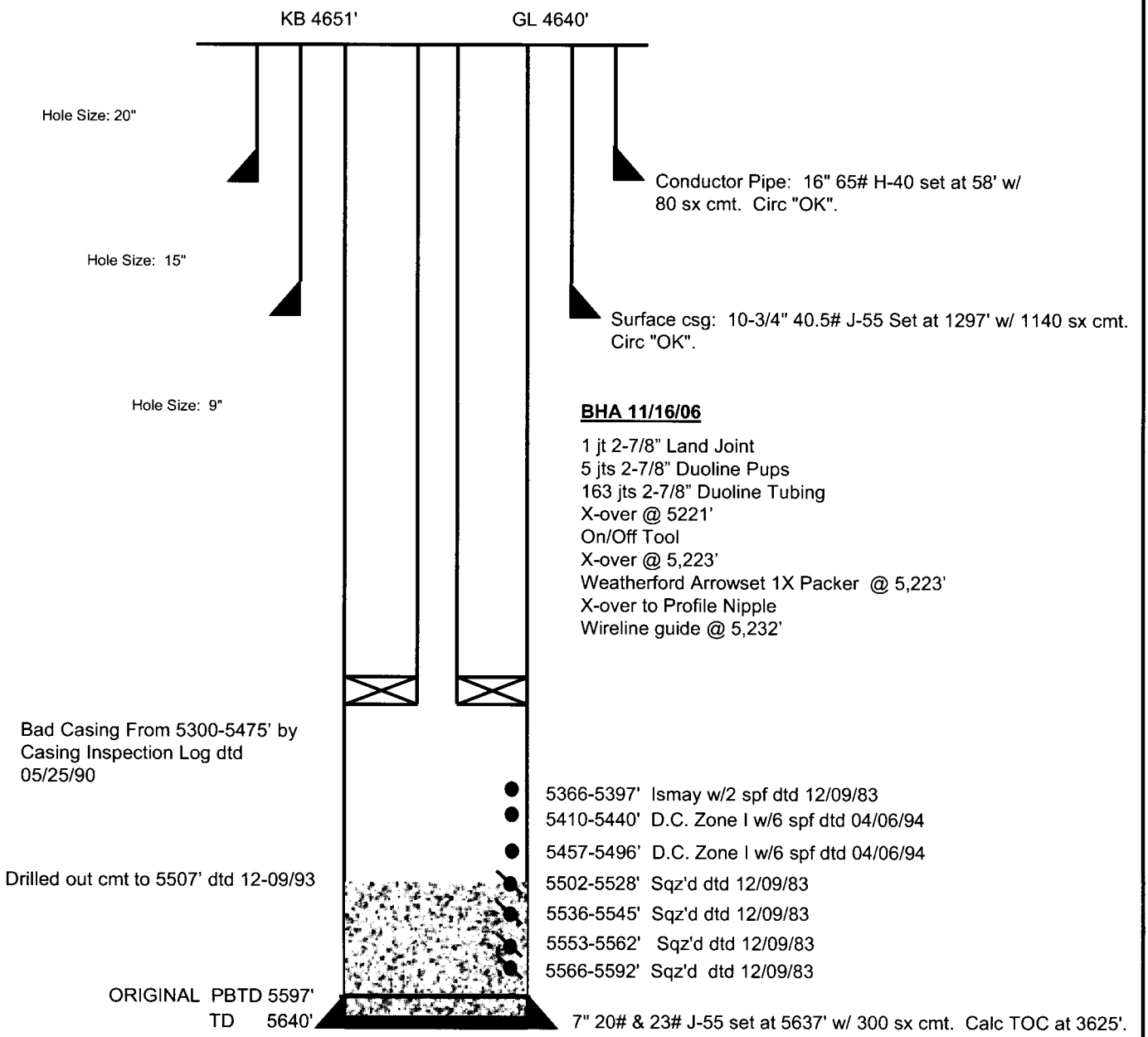
SEC 8-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-15517

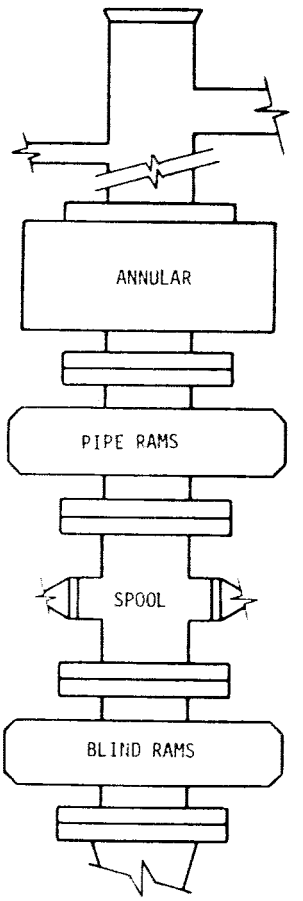
CURRENT WBD
INJECTOR

Capacities:	bbl/ft	gal/ft	cuft/ft
2-7/8" 6.5#	.00579	.2431	.0325
7" 20#	.0404	1.7005	.2273
7" 23#	.0393	1.6535	.2210
2-7/8x7"20#	.0325	1.3633	.1822
2-7/8x7"23#	.0313	1.3162	.1760



JKR 11/12/13 MCU #O-18

Attachment No. 3



7-1/16 inch x 5000 psig with stainless steel trim for sour service operations

2-7/8 inch pipe rams, 7-1/16 inch x 5000 psig with stainless steel trim for sour service operations

7-1/16 inch x 5000 psig with stainless steel trim for sour service operations

TYPICAL WORKOVER BOP STACK

Figure 30

[redacted]

McElmo and Ratherford Water Wells

Well No	DWP No	WUP # 1996	WUP # 1997	Sec-Twp-Rg	GPS Coordinates		East (1996)	North (1996)	Appl #	Completed	Comments
McElmo											
1-PIT	PIT	95-528	97-223	18-41S-25E			658980	4121100			Abandoned
2	12-0715	95-530	97-201	17-41S-25E	37° 13.226' N	109° 12.242' N	659410	4120950	29718 A3777	9/14/61	
3	12-0716	95-531	97-202	17-41S-25E	37° 13.196' N	019° 12.187' N	659980	4120480	29718 A3777	10/3/61	
4	12-0717	95-532	97-203	17-41S-25E	37° 13.166' N	019° 12.142' N	659560	4120520	29718, A3777	10/17/61	
5	12-0718	95-533	97-204	17-41S-25E	37° 13.132' N	019° 12.098' N	659630	4120400	29718 A3777	10/15/61	
6	12-0719	95-534	97-205	17-41S-25E	37° 13.098' N	019° 12.053' N	659690	4120900	31023 A-3777	4/26/62	
7	12-0720	95-512	97-206	17-41S-25E	37° 13.055' N	019° 12.032' N	659725	4120325	31023 A-3777	4/30/62	
8	12-0721	95-513	97-207	17-41S-25E	37° 13.023' N	019° 12.986' N	659800	4120265	31023 A-3777	5/4/62	
9	12-0722	95-514	97-208	17-41S-25E	37° 13.010' N	109° 11.932' N	659880	4120230	31023 A-3777	5/8/62	
10	12-0723	95-515	97-209	17-41S-25E	37° 12.990' N	109° 11.866' N	659960	4120220	31023 A-3777	5/12/62	
11	12-0724	95-516	97-210	17-41S-25E	37° 12.993' N	109° 11.809' N	660060	4120210	29718 31023	11/28/62	
12	12-0725	95-517	97-211	17-41S-25E	37° 13.026' N	109° 11.768' N	660125	4120270	29716 A-3777	12/5/62	Not in Service, no pump
13	12-0726	95-518	97-212	18-41S-25E	37° 13.432' N	109° 12.415' N	659145	4121010	29178 31023	12/9/62	
14	12-0727	95-519	97-213	18-41S-25E	37° 13.436' N	109° 12.473' N	659045	4121010	A-31023	12/12/62	
15	12-0728	95-520	97-214	17-41S-25E	37° 13.404' N	109° 12.365' N	659230	4120950	A-31023	12/26/62	
16	12-0729	95-521	97-215	17-41S-25E	37° 13.361' N	109° 12.341' N	659285	4120870	A-31023	1/6/63	
17	12-0730	95-522	97-216	17-41S-25E	37° 13.312' N	109° 12.325' N	659285	4120785	A-31023	1/12/63	
18	12-0731	95-523	97-217	17-41S-25E	37° 13.027' N	109° 12.894' N	659840	4120270	29716 A3777	4/5/63	
19	12-0732	95-524	97-218	17-41S-25E	37° 13.002' N	109° 12.900' N	659925	4120230	29716, A3777	4/10/63	
20	12-0733	95-525	97-219	17-41S-25E	37° 13.002' N	109° 12.994' N	659780	4120335	29716 A3777	4/17/63	
21	12-0734	95-526	97-220	17-41S-25E	37° 13.013' N	109° 12.905' N	659835	4120240	29716	4/19/63	
22	12-0735	95-527	97-221	17-41S-25E	37° 13.030' N	109° 12.016' N	659750	4120278	A3777, 29718	4/22/63	Community
O-24	12-0736	95-528	97-222	17-41S-25E	37° 13.475' N	109° 12.504' N	659815	4120300		3/14/64	former oil well MCU O-24, 13-3/8" surf, 8-5/8" prod csgs 1200' deep, out of service since 1975, needs P&A

Ratherford Gas Wells

Well No	DWP No	WUP # 1996	WUP # 1997	Sec-Twp-Rg	GPS Coordinates		East (1983)	North (1983)	Appl #	Completed	Comments
Ratherford											
1	09-0614	95-496	97-224	5-41S-24E	37° 15.333' N	109° 17.603' W	650740	4124380	32-773	11/21/61	
2	09-0615	95-497	97-225	5-41S-24E	37° 15.330' N	109° 17.665' W	650560	4124380	32-773	11/26/61	
3	09-0616	95-498	97-226	5-41S-24E	37° 15.332' N	109° 17.928' W	650380	4124380	32-733	12/2/61	
4	09-0617	95-499	97-227	5-41S-24E	37° 15.331' N	109° 17.900' W	650470	4124380	32-733	12/3/62	
5	09-0618	95-500	97-228	5-41S-24E	37° 15.335' N	109° 17.835' W	650650	4124380	32-733	12/11/62	
6	09-0619	95-501	97-229	5-41S-24E	37° 15.349' N	109° 17.776' W	650840	4124380	32-733	12/26/62	
7	09-0620	95-502	97-230	5-41S-24E	37° 15.353' N	109° 17.750' W	650900	4124380	32-733	12/15/62	
8	09-0621	95-503	97-231	5-41S-24E	37° 15.355' N	109° 17.720' W	651040	4124380	32-733	12/21/62	
9	09-0622	95-202	97-232	5-41S-24E	37° 15.360' N	109° 17.689' W	651120	4124400	32-733	12/27/62	
10	09-0623	95-504	97-233	5-41S-24E	37° 15.364' N	109° 17.656' W	651205	4124425	32-733	1/2/63	
11	09-0624	95-505	97-234	5-41S-24E	37° 15.365' N	109° 17.627' W	651290	4124430	32-733	1/5/63	
13	09-0625	95-506	97-235	5-41S-24E	37° 15.364' N	109° 17.545' W	651470	4124430	32-733	1/5/63	
14	09-0626	95-507	97-236	5-41S-24E	37° 15.367' N	109° 17.506' W	651560	4124430	32-733	1/16/63	
15	09-0627	95-508	97-237	5-41S-24E	37° 15.368' N	109° 17.464' W	651640	4124430	32-733	2/3/63	
16	09-0628	95-509	97-238	5-41S-24E	37° 15.373' N	109° 17.421' W	651760	4124460	32-733	2/4/63	
17	09-0629	95-510	97-239	5-41S-24E	37° 15.374' N	109° 17.381' W	651840	4124480	32-733	2/6/63	
14-33	09-0642	95-511	97-240	14-41S-24E	37° 15.368' N	109° 17.569' W	645850	4119050			Water well abandoned 09-01-1998. Cut & Capped

Summary										
		35	operated wells							
		2	not prod	95-528	95-517					
		2	aband	95-529	95-511					
		1	NTU	95-527						
		40	Total Wells in listed in RCMA-55-95, WUP 95-496 to 95-528 & 96-202							

Additional Unlisted Wells at Ratherford				Sec-Twp-Rg	GPS Coordinates				Appl #	Completed	Comments
19				5-41S-24E	37° 15.217' N	109° 16.769' W			32-773	4/22/64	In service
20				5-41S-24E	37° 15.220' N	109° 16.688' W			32-773	4/14/64	In Service
22				5-41S-24E	37° 15.219' N	109° 16.632' W			32-773		Operable, but has power problems
23				5-41S-24E	37° 15.228' N	109° 17.014' W			32-773	4/20/64	Operable, but has power problems
		4	Additional unlisted wells								

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/12/2013

API NO. ASSIGNED: 43-037-15517

WELL NAME: NAVAJO 114-11 (MCELMO O-18)

OPERATOR: RESOLUTE NATURAL (N2700)

PHONE NUMBER: 303-573-4886

CONTACT: SHERRY GLASS

PROPOSED LOCATION:

SENW 08 410S 250E

SURFACE: 1776 FNL 2004 FWL

BOTTOM: 1776 FNL 2004 FWL

COUNTY: SAN JUAN

LATITUDE: 37.23931 LONGITUDE: -109.19965

UTM SURF EASTINGS: 659692 NORTHINGS: 4122939

FIELD NAME: GREATER ANETH (365)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian

LEASE NUMBER: 14-20-603-263

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: DSCR

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. PA002769)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 09-0614)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: MCELMO CREEK

___ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

✓ Drilling Unit

Board Cause No: 152-09

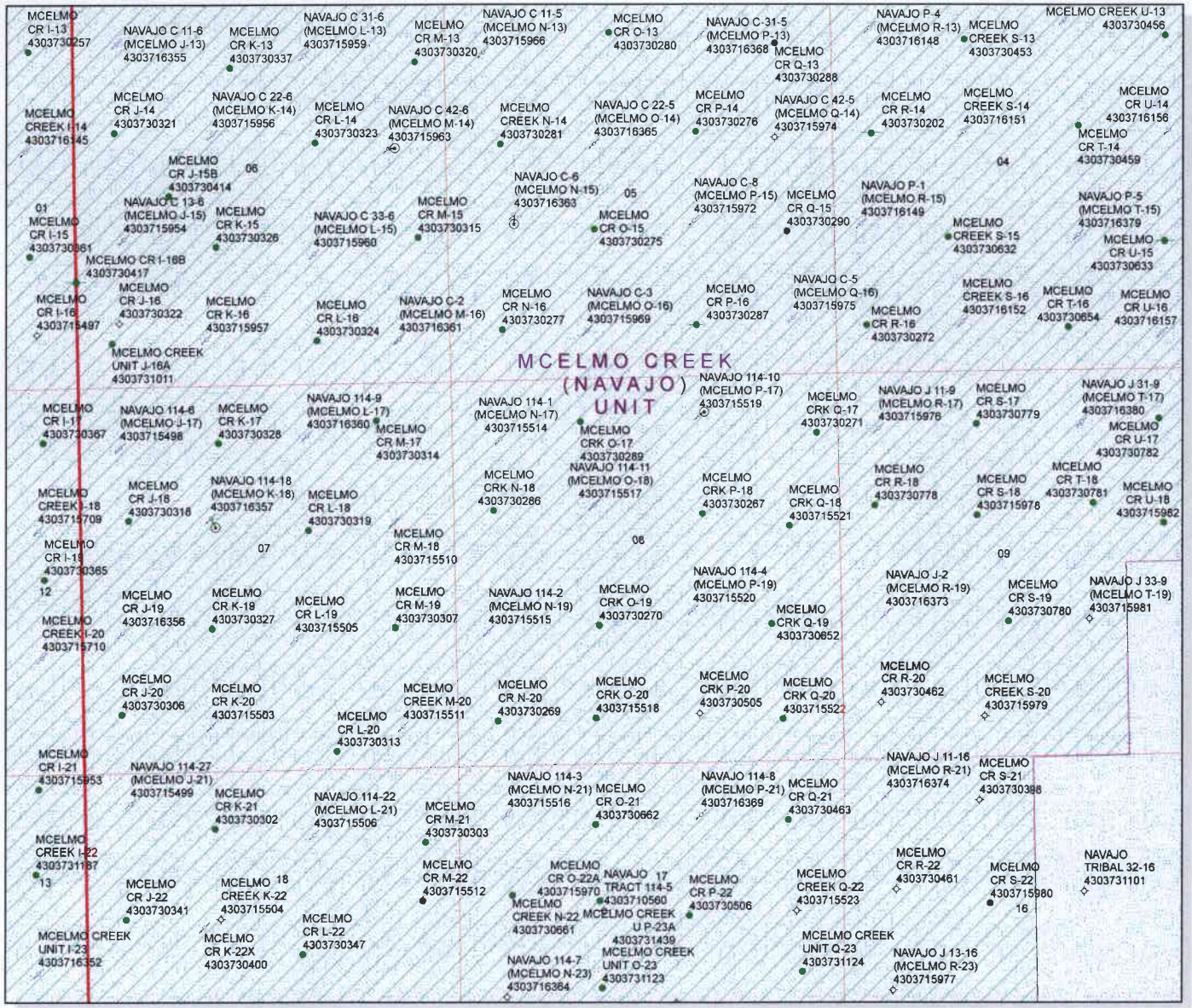
Eff Date: 8-27-2003

Siting: Suspends General Siting

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval



API Number: 4303715517

Well Name: NAVAJO 114-11 (MCELMO O-18)

Township: T41.0S Range: R25.0E Section: 08 Meridian: S

Operator: RESOLUTE NATURAL RESOURCES

Map Prepared: 11/13/2013
Map Produced by Diana Mason

Wells Query

Status

- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp. Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well

Units

STATUS

- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields

STATUS

- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

1,700 850 0 1,700 Feet

1:16,807

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

November 14, 2013

Resolute Natural Resources
1675 Broadway, Ste 1950
Denver, CO 80202

Subject: Navajo 114-11 (McElmo O-18) Well, Surface Location 1776' FNL, 2004' FWL, SE NW, Sec. 8, T. 41 South, R. 25 East, San Juan County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 152-09. The expected producing formation or pool is the DESERT CREEK Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-15517.

Sincerely,

John Rogers
Associate Director

JR/BGH/js
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Monticello Office

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR
OIL, GAS & MINING

Operator: Resolute Natural Resources
Well Name & Number Navajo 114-11 (McElmo O-18)
API Number: 43-037-15517
Lease: 14-20-603-263

Surface Location: SE NW **Sec.** 8 **T.** 41 South **R.** 25 East
Bottom Location: **Sec.** **T.** **R.**

Conditions of Approval

1. General

   Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

   - Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
     OR
     Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

   Notify the Division prior to commencing operations to plug and abandon the well.

   - Contact Dustin Doucet at (801) 538-5281 office
     (801) 733-0983 after office hours

3. Reporting Requirements

   All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

   - Entity Action Form (Form 6) – due within 5 days of spudding the well
   - Monthly Status Report (Form 9) – due by 5th day of the following calendar month
   - Requests to Change Plans (Form 9) – due prior to implementation
   - Written Notice of Emergency Changes (Form 9) – due within 5 days
   - Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
   - Report of Water Encountered (Form 7) – due within 30 days after completion
   - Well Completion Report (Form 8) – due within 30 days after completion or plugging

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Sundry Number: 57696 API Well Number: 43037155170000

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5.LEASE DESIGNATION AND SERIAL NUMBER: 14-20-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NAVAJO

7.UNIT or CA AGREEMENT NAME: MCELMO CREEK

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: NAVAJO 114-11 (MCELMO O-18)

2. NAME OF OPERATOR: RESOLUTE NATURAL RESOURCES

9. API NUMBER: 43037155170000

3. ADDRESS OF OPERATOR: 1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER: 303 534-4600 Ext

9. FIELD and POOL or WILDCAT: GREATER ANETH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1776 FNL 2004 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENW Section: 08 Township: 41.0S Range: 25.0E Meridian: S

COUNTY: SAN JUAN

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/18/2014	✓ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources respectfully submits this sundry as notice of acid treatment on the above well. Attached are the procedures and schematic

Accepted by the Utah Division of Oil, Gas and Mining

Date: November 13, 2014

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst
SIGNATURE N/A		**DATE** 11/10/2014

RECEIVED: Nov. 10, 2014

RESOLUTE
NATURAL RESOURCES

MCU O-18 Injection Well Bullhead Acid Treatment

Procedure
Horsley Witten: Not Applicable

1. Check crown valve & manifold wing valve for integrity to ensure pump truck can rig up to well.
2. MIRU frac tank, manifold & hard line for flowback. RU ABC shower trailer.
3. Backflow the well for ~400 bbls or until significant gas appears, then shut in.
4. RU pumping equipment to wellhead & PT lines. Record TP, CP, Bradenhead P (BHP).
5. Pump 400 gal xylene, 2500 gal inhibited 15% HCl, 61 bbls fresh water displacement. Stop for 30 min soak after 54 bbls of acid are pumped behind the xylene. **Pump the remainder of the treatment at maximum rate possible, staying under 3000 psi TP.** Monitor CP and BHP while pumping.
6. Rig down pumping equipment.
7. Allow 2 hours acid soak time prior to putting back on injection.
8. Open the well to injection at 2000 bwipd; Record the initial injection rate, tubing pressure, and choke.

McELMO CREEK UNIT #O-18

GREATER ANETH FIELD

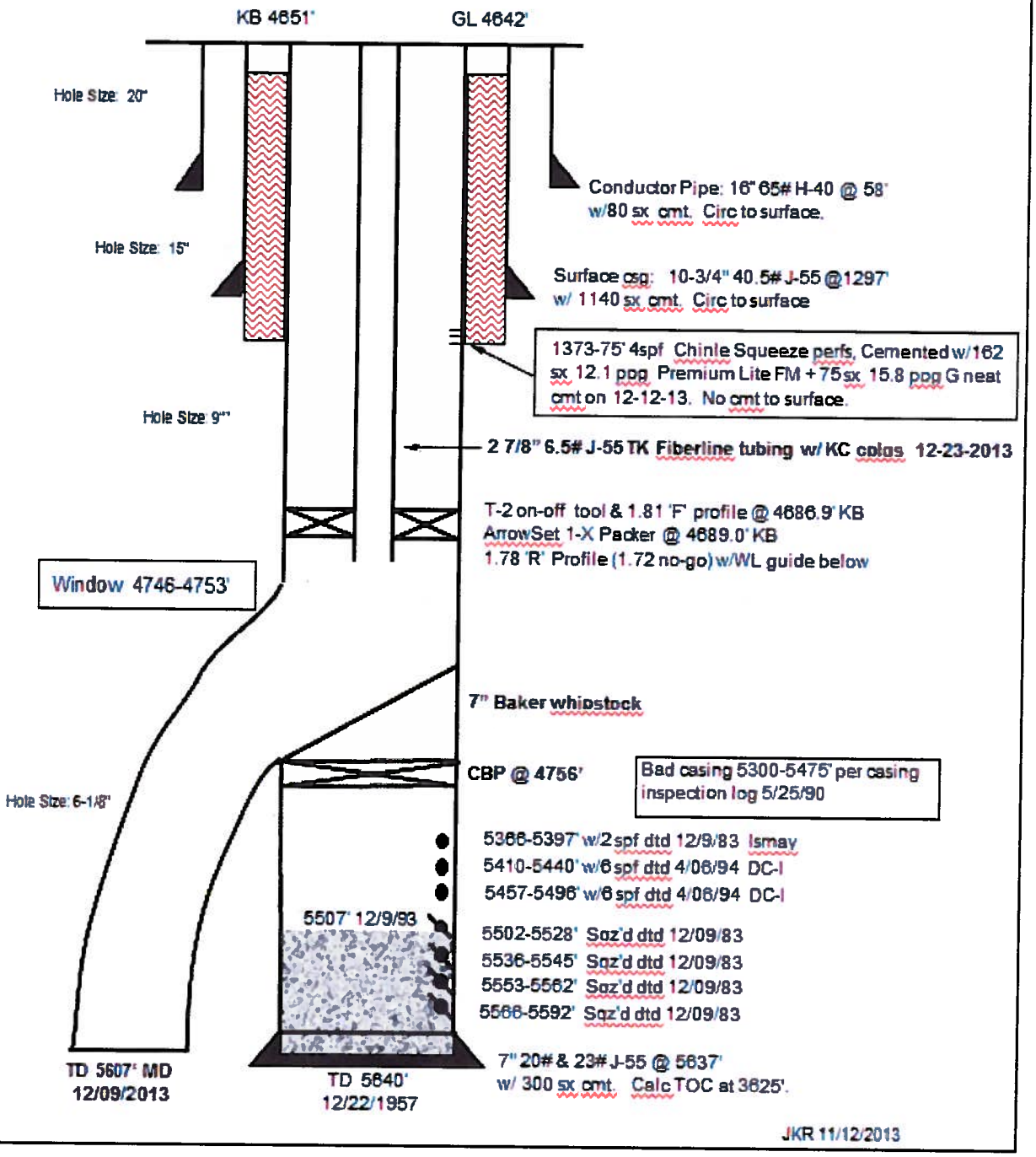
INJECTOR

1830' FNL & 1890' FWL

SEC 8-T41S-R25E

SAN JUAN COUNTY, UTAH

API 43-037-15517



JKR 11/12/2013

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

January 15, 2015

Resolute Natural Resources
1700 Lincoln St. Ste. 2800
Denver, CO 80203

Re: APD Rescinded – Navajo 114-11 (McElmo O-18) (DEEPENING), Sec.8, T. 41S, R. 25E, San Juan County, Utah API No. 43-037-15517

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on November 14, 2013. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective January 15, 2015.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Monticello

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
14-20-603-263

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
NAVAJO

7.UNIT or CA AGREEMENT NAME:
MCELMO CREEK

1. TYPE OF WELL
Gas Injection Well

8. WELL NAME and NUMBER:
NAVAJO 114-11 (MCELMO O-18)

2. NAME OF OPERATOR:
RESOLUTE NATURAL RESOURCES

9. API NUMBER:
43037155170000

3. ADDRESS OF OPERATOR:
1700 Lincoln Street, Suite 2800 , Denver, CO, 80203 4535

PHONE NUMBER:
303 534-4600 Ext

9. FIELD and POOL or WILDCAT:
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4. LOCATION OF WELL
FOOTAGES AT SURFACE:
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QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SENW Section: 08 Township: 41.0S Range: 25.0E Meridian: S

COUNTY:
SAN JUAN

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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☐ NOTICE OF INTENT Approximate date work will start:	☑ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
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	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Resolute Natural Resources respectfully submits this sundry as notice that the acid treatment on the above well was completed on 11/13/2014 Totals are 400 gals xylene, 2500 gals 20% HCL, 2730 gals FW

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 02, 2015

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Erin Joseph	303 573-4886	Sr. Regulatory Analyst
SIGNATURE		**DATE**
N/A		2/19/2015

RECEIVED: Feb. 19, 2015